

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062872.D
 Acq On : 12 Aug 2020 21:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:56:39 AM

Quant Time: Aug 13 06:50:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	239094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	228540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126821	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	117658	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	7.55	113	79216	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	10.06	98	305604	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.38	95	118458	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95788	45.108	ug/l	99
3) Chloromethane	2.04	50	85097	42.466	ug/l	96
4) Vinyl Chloride	2.16	62	83851	44.613	ug/l	99
5) Bromomethane	2.50	94	59309	47.669	ug/l	99
6) Chloroethane	2.65	64	67761	54.801	ug/l	96
7) Trichlorofluoromethane	2.97	101	160763	47.968	ug/l	97
8) Diethyl Ether	3.37	74	43813	45.665	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	64023	47.319	ug/l	98
10) Methyl Iodide	3.91	142	83790	51.582	ug/l	98
11) Tert butyl alcohol	4.74	59	89218	221.973	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	59735	47.235	ug/l	96
13) Acrolein	3.57	56	53543	220.019	ug/l	100
14) Allyl chloride	4.27	41	103365	39.812	ug/l	99
15) Acrylonitrile	4.93	53	214735	230.343	ug/l	100
16) Acetone	3.78	43	185889	209.778	ug/l	98
17) Carbon Disulfide	4.00	76	154075	42.837	ug/l	99
18) Methyl Acetate	4.28	43	103702	49.468	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	278415	48.458	ug/l	97
20) Methylene Chloride	4.50	84	77222	47.583	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	65697	44.270	ug/l	99
22) Diisopropyl ether	5.90	45	253466	45.859	ug/l	97
23) Vinyl Acetate	5.84	43	875460	208.246	ug/l	97
24) 1,1-Dichloroethane	5.80	63	141080	43.557	ug/l	99
25) 2-Butanone	6.79	43	279221	222.483	ug/l	100
26) 2,2-Dichloropropane	6.77	77	94225	31.559	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	81195	45.610	ug/l	93
28) Bromochloromethane	7.15	49	74934	47.936	ug/l	95
29) Tetrahydrofuran	7.17	42	183723	225.332	ug/l	96
30) Chloroform	7.33	83	157153	45.655	ug/l	99
31) Cyclohexane	7.62	56	123965	41.694	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	142785	46.395	ug/l	99
36) 1,1-Dichloropropene	7.75	75	103147	44.305	ug/l	98
37) Ethyl Acetate	6.88	43	107161	44.064	ug/l	99
38) Carbon Tetrachloride	7.73	117	124464	45.203	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062872.D
 Acq On : 12 Aug 2020 21:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:56:39 AM

Quant Time: Aug 13 06:50:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	125614	44.835	ug/l	99
40) Benzene	8.00	78	308339	44.384	ug/l	100
41) Methacrylonitrile	7.14	41	51922m	47.314	ug/l	
42) 1,2-Dichloroethane	8.09	62	133899	45.285	ug/l	100
43) Isopropyl Acetate	8.13	43	176425	43.494	ug/l	99
44) Trichloroethene	8.80	130	76175	45.006	ug/l	99
45) 1,2-Dichloropropane	9.09	63	85753	45.608	ug/l	98
46) Dibromomethane	9.18	93	58183	47.228	ug/l	97
47) Bromodichloromethane	9.37	83	131348	47.471	ug/l	99
48) Methyl methacrylate	9.17	41	87984	44.098	ug/l	95
49) 1,4-Dioxane	9.17	88	35786	967.988	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	602880	229.711	ug/l	98
52) Toluene	10.13	92	198583	46.297	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	136416	44.822	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	136575	44.695	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	85011	46.405	ug/l	98
56) Ethyl methacrylate	10.40	69	133761	48.510	ug/l	98
57) 1,3-Dichloropropane	10.68	76	145072	46.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	176058	225.884	ug/l	100
59) 2-Hexanone	10.72	43	455366	232.598	ug/l	99
60) Dibromochloromethane	10.88	129	101405	48.507	ug/l	99
61) 1,2-Dibromoethane	10.98	107	86283	47.732	ug/l	100
64) Tetrachloroethene	10.60	164	67014	45.447	ug/l	98
65) Chlorobenzene	11.41	112	220303	46.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	92455	48.192	ug/l	98
67) Ethyl Benzene	11.49	91	403640	47.215	ug/l	99
68) m/p-Xylenes	11.60	106	302025	97.324	ug/l	97
69) o-Xylene	11.92	106	145875	50.160	ug/l	96
70) Styrene	11.94	104	257775	50.426	ug/l	100
71) Bromoform	12.10	173	75784	48.280	ug/l #	98
73) Isopropylbenzene	12.23	105	409020	42.831	ug/l	99
74) N-amyl acetate	12.05	43	163171	42.164	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	130494	38.818	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	136774m	39.990	ug/l	
77) Bromobenzene	12.50	156	99532	41.948	ug/l	94
78) n-propylbenzene	12.57	91	473452	42.236	ug/l	99
79) 2-Chlorotoluene	12.65	91	291645	41.488	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	369369	44.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	43526	38.849	ug/l	100
82) 4-Chlorotoluene	12.75	91	305732	42.204	ug/l	98
83) tert-Butylbenzene	12.97	119	340226	48.532	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	397701	50.178	ug/l	99
85) sec-Butylbenzene	13.15	105	447283	48.587	ug/l	99
86) p-Isopropyltoluene	13.26	119	402702	49.281	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	200309	47.255	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	195038	45.875	ug/l	99
89) n-Butylbenzene	13.59	91	317059	45.877	ug/l	100
90) Hexachloroethane	13.85	117	80510	45.708	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	192917	48.544	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	33059	45.807	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062872.D
Acq On : 12 Aug 2020 21:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/13/2020 10:56:39 AM

Quant Time: Aug 13 06:50:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	86349	41.092	ug/l	98
94) Hexachlorobutadiene	14.99	225	60332	48.177	ug/l	98
95) Naphthalene	15.10	128	224918	39.426	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89452	42.934	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081220\
Data File : VN062872.D
Acq On : 12 Aug 2020 21:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/13/2020 10:56:39 AM

Quant Time: Aug 13 06:50:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

