

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060978.D
 Acq On : 15 Apr 2020 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:15:31 AM

Quant Time: Apr 16 08:02:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	131268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	223536	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	204742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	99662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	94466	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.56	113	70482	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.08	98	278223	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.39	95	105321	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52894	41.644	ug/l	99
3) Chloromethane	2.04	50	101178	42.652	ug/l	99
4) Vinyl Chloride	2.17	62	81101	43.710	ug/l	100
5) Bromomethane	2.54	94	41059	51.262	ug/l	97
6) Chloroethane	2.68	64	51702	48.373	ug/l	98
7) Trichlorofluoromethane	3.00	101	110192	48.211	ug/l	97
8) Diethyl Ether	3.38	74	48047	52.329	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	65843	49.716	ug/l	99
10) Methyl Iodide	3.92	142	48124	40.836	ug/l	99
11) Tert butyl alcohol	4.72	59	79814	301.164	ug/l	99
12) 1,1-Dichloroethene	3.72	96	66252	46.616	ug/l	95
13) Acrolein	3.57	56	86171	293.379	ug/l	100
14) Allyl chloride	4.29	41	127413	50.973	ug/l	95
15) Acrylonitrile	4.94	53	224047	287.493	ug/l	99
16) Acetone	3.78	43	179602	281.371	ug/l	99
17) Carbon Disulfide	4.03	76	174651	40.406	ug/l	100
18) Methyl Acetate	4.28	43	109154	60.753	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	252646	51.705	ug/l	97
20) Methylene Chloride	4.52	84	79012	50.319	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	71749	47.368	ug/l	94
22) Diisopropyl ether	5.91	45	296306	56.109	ug/l	98
23) Vinyl Acetate	5.86	43	1209519	280.709	ug/l	99
24) 1,1-Dichloroethane	5.82	63	152159	52.853	ug/l	100
25) 2-Butanone	6.80	43	301876	292.262	ug/l	98
26) 2,2-Dichloropropane	6.79	77	113438	50.081	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	87341	50.742	ug/l	97
28) Bromochloromethane	7.17	49	75744	54.991	ug/l	96
29) Tetrahydrofuran	7.18	42	204935	280.420	ug/l	97
30) Chloroform	7.35	83	143910	52.144	ug/l	99
31) Cyclohexane	7.63	56	134113	46.208	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	121633	51.123	ug/l	99
36) 1,1-Dichloropropene	7.77	75	107771	49.790	ug/l	99
37) Ethyl Acetate	6.89	43	127521	54.524	ug/l	99
38) Carbon Tetrachloride	7.75	117	96463	49.724	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060978.D
 Acq On : 15 Apr 2020 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:15:31 AM

Quant Time: Apr 16 08:02:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	122570	47.651	ug/l	96
40) Benzene	8.02	78	329792	50.472	ug/l	99
41) Methacrylonitrile	7.14	41	54742m	54.844	ug/l	
42) 1,2-Dichloroethane	8.10	62	116157	52.017	ug/l	99
43) Isopropyl Acetate	8.14	43	212417	55.071	ug/l	99
44) Trichloroethene	8.81	130	79884	48.497	ug/l	100
45) 1,2-Dichloropropane	9.10	63	93523	54.243	ug/l	98
46) Dibromomethane	9.19	93	53875	51.686	ug/l	99
47) Bromodichloromethane	9.38	83	115157	53.165	ug/l	99
48) Methyl methacrylate	9.18	41	94658	55.120	ug/l	98
49) 1,4-Dioxane	9.18	88	25889	1268.304	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	638560	290.930	ug/l	99
52) Toluene	10.14	92	198292	50.249	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	131241	52.748	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	141855	51.970	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	80383	52.948	ug/l	100
56) Ethyl methacrylate	10.42	69	131359	55.492	ug/l	99
57) 1,3-Dichloropropane	10.70	76	139786	53.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	300168	255.136	ug/l	98
59) 2-Hexanone	10.74	43	463551	293.184	ug/l	99
60) Dibromochloromethane	10.89	129	84190	53.687	ug/l	100
61) 1,2-Dibromoethane	10.99	107	80446	52.697	ug/l	100
64) Tetrachloroethene	10.62	164	72785	45.176	ug/l	99
65) Chlorobenzene	11.42	112	204971	50.500	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	77057	52.436	ug/l	97
67) Ethyl Benzene	11.50	91	386503	51.206	ug/l	100
68) m/p-Xylenes	11.61	106	278957	99.455	ug/l	97
69) o-Xylene	11.94	106	136007	50.795	ug/l	99
70) Styrene	11.96	104	227942	52.051	ug/l	99
71) Bromoform	12.12	173	60677	49.689	ug/l #	100
73) Isopropylbenzene	12.24	105	368653	49.290	ug/l	99
74) N-amyl acetate	12.06	43	183627	53.132	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	119993	53.052	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	113226m	52.651	ug/l	
77) Bromobenzene	12.52	156	86879	48.206	ug/l	97
78) n-propylbenzene	12.58	91	439538	49.743	ug/l	98
79) 2-Chlorotoluene	12.67	91	257714	48.813	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	311338	49.052	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	41233	49.244	ug/l	99
82) 4-Chlorotoluene	12.77	91	267165	49.684	ug/l	99
83) tert-Butylbenzene	12.99	119	262939	49.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	311382	49.589	ug/l	99
85) sec-Butylbenzene	13.17	105	358107	50.614	ug/l	99
86) p-Isopropyltoluene	13.28	119	316703	49.779	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	156939	49.373	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	157793	49.410	ug/l	99
89) n-Butylbenzene	13.61	91	296751	51.661	ug/l	100
90) Hexachloroethane	13.87	117	50573	54.685	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	153634	50.548	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	24415	51.545	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
Data File : VN060978.D
Acq On : 15 Apr 2020 21:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/16/2020 11:15:31 AM

Quant Time: Apr 16 08:02:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	95928	51.396	ug/l	99
94) Hexachlorobutadiene	15.01	225	45699	49.945	ug/l	99
95) Naphthalene	15.13	128	285636	50.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	92743	50.447	ug/l	100

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

