

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061348.D
 Acq On : 7 May 2020 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:23 PM

Quant Time: May 08 04:37:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	101386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	172749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	160443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78931	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	81226	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.55	113	48402	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
50) Toluene-d8	10.06	98	211454	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.38	95	81043	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50342	46.825	ug/l	100
3) Chloromethane	2.03	50	66507	51.077	ug/l	100
4) Vinyl Chloride	2.16	62	74886	50.635	ug/l	100
5) Bromomethane	2.53	94	29711	40.641	ug/l	97
6) Chloroethane	2.67	64	45677	48.727	ug/l	98
7) Trichlorofluoromethane	2.98	101	94375	56.561	ug/l	99
8) Diethyl Ether	3.37	74	38521	55.349	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54913	51.085	ug/l	99
10) Methyl Iodide	3.91	142	56600	40.971	ug/l	99
11) Tert butyl alcohol	4.73	59	53190	247.510	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	52775	49.336	ug/l	99
13) Acrolein	3.56	56	26380	184.205	ug/l	99
14) Allyl chloride	4.27	41	113083	57.014	ug/l	99
15) Acrylonitrile	4.93	53	170286	258.131	ug/l	99
16) Acetone	3.77	43	148668	239.384	ug/l	99
17) Carbon Disulfide	4.01	76	114683	38.811	ug/l	99
18) Methyl Acetate	4.27	43	93148	46.052	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	204554	50.044	ug/l	100
20) Methylene Chloride	4.50	84	62525	49.983	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	56497	48.503	ug/l	99
22) Diisopropyl ether	5.90	45	242079	52.633	ug/l	99
23) Vinyl Acetate	5.84	43	971306	262.278	ug/l	100
24) 1,1-Dichloroethane	5.80	63	122373	50.923	ug/l	99
25) 2-Butanone	6.78	43	236330	248.957	ug/l	99
26) 2,2-Dichloropropane	6.78	77	100815	49.807	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	67047	49.050	ug/l	98
28) Bromochloromethane	7.15	49	63639	55.872	ug/l	95
29) Tetrahydrofuran	7.17	42	158433	247.762	ug/l	99
30) Chloroform	7.33	83	120222	49.367	ug/l	100
31) Cyclohexane	7.61	56	100988	43.272	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	103793	48.945	ug/l	99
36) 1,1-Dichloropropene	7.75	75	88326	51.076	ug/l	99
37) Ethyl Acetate	6.88	43	101973	50.299	ug/l	100
38) Carbon Tetrachloride	7.73	117	80010	50.678	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061348.D
 Acq On : 7 May 2020 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 1:18:23 PM

Quant Time: May 08 04:37:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85782	44.232	ug/l	98
40) Benzene	8.00	78	255537	49.600	ug/l	100
41) Methacrylonitrile	7.12	41	49124	58.360	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	103123	52.836	ug/l	99
43) Isopropyl Acetate	8.12	43	173020	51.424	ug/l	100
44) Trichloroethene	8.80	130	62742	45.049	ug/l	98
45) 1,2-Dichloropropane	9.08	63	70864	51.485	ug/l	99
46) Dibromomethane	9.18	93	44960	52.756	ug/l	99
47) Bromodichloromethane	9.37	83	96452	52.728	ug/l	97
48) Methyl methacrylate	9.17	41	79661	52.469	ug/l	98
49) 1,4-Dioxane	9.17	88	16073	932.625	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	518993	262.061	ug/l	100
52) Toluene	10.12	92	157814	50.855	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	105559	51.214	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	112409	51.587	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	62558	50.540	ug/l	99
56) Ethyl methacrylate	10.40	69	102630	47.713	ug/l	100
57) 1,3-Dichloropropane	10.68	76	113794	52.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	251806	251.324	ug/l	98
59) 2-Hexanone	10.72	43	374580	259.980	ug/l	100
60) Dibromochloromethane	10.87	129	68044	52.488	ug/l	98
61) 1,2-Dibromoethane	10.98	107	63318	51.037	ug/l	100
64) Tetrachloroethene	10.60	164	61354	44.152	ug/l	98
65) Chlorobenzene	11.41	112	162216	50.969	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	61440	53.937	ug/l	99
67) Ethyl Benzene	11.48	91	308003	51.697	ug/l	99
68) m/p-Xylenes	11.60	106	224551	102.969	ug/l	98
69) o-Xylene	11.92	106	105897	50.553	ug/l	96
70) Styrene	11.94	104	186036	53.062	ug/l	99
71) Bromoform	12.10	173	46208	55.195	ug/l #	99
73) Isopropylbenzene	12.22	105	292353	50.383	ug/l	99
74) N-amyl acetate	12.05	43	150900	51.356	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	93001	51.401	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	83579m	50.225	ug/l	
77) Bromobenzene	12.50	156	67620	50.482	ug/l	98
78) n-propylbenzene	12.57	91	350190	50.881	ug/l	99
79) 2-Chlorotoluene	12.65	91	207127	51.201	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	244464	50.903	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	33217	50.691	ug/l	99
82) 4-Chlorotoluene	12.75	91	220884	51.806	ug/l	98
83) tert-Butylbenzene	12.97	119	199995	49.387	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	248813	50.286	ug/l	100
85) sec-Butylbenzene	13.15	105	270621	49.016	ug/l	99
86) p-Isopropyltoluene	13.26	119	244349	49.121	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	123240	49.978	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	124129	49.267	ug/l	99
89) n-Butylbenzene	13.59	91	222583	48.809	ug/l	100
90) Hexachloroethane	13.85	117	35122	64.993	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	118703	50.204	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19143	50.096	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
Data File : VN061348.D
Acq On : 7 May 2020 20:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/8/2020 1:18:23 PM

Quant Time: May 08 04:37:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	69676	48.393	ug/l	100
94) Hexachlorobutadiene	14.99	225	30665	50.981	ug/l	97
95) Naphthalene	15.11	128	221761	47.294	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	69211	48.688	ug/l	99

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

