

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061279.D
 Acq On : 4 May 2020 15:40
 Operator : JC/MD
 Sample : L2467-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS040MW015-200428MSD

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:36:17 AM

Quant Time: May 05 04:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	104955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	182044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	172617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	84917	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	7.55	113	51383	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.06	98	225761	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.38	95	85951	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55181	49.580	ug/l	98
3) Chloromethane	2.03	50	76980	57.109	ug/l	99
4) Vinyl Chloride	2.16	62	84386	55.118	ug/l	100
5) Bromomethane	2.53	94	34678	45.823	ug/l	99
6) Chloroethane	2.67	64	49731	51.248	ug/l	97
7) Trichlorofluoromethane	2.98	101	101056	58.505	ug/l	99
8) Diethyl Ether	3.37	74	40806	56.638	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57806	51.948	ug/l	99
10) Methyl Iodide	3.91	142	64672	45.223	ug/l	99
11) Tert butyl alcohol	4.73	59	69756	313.559	ug/l	100
12) 1,1-Dichloroethene	3.69	96	57037	51.507	ug/l	99
13) Acrolein	3.56	56	44811	302.263	ug/l	98
14) Allyl chloride	4.27	41	123248	60.026	ug/l	98
15) Acrylonitrile	4.93	53	192085	281.274	ug/l	100
16) Acetone	3.77	43	165519	257.881	ug/l	99
17) Carbon Disulfide	4.01	76	133431	43.620	ug/l	99
18) Methyl Acetate	4.27	43	98437	46.998	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	219906	51.971	ug/l	98
20) Methylene Chloride	4.50	84	66908	51.668	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	62105	51.505	ug/l	99
22) Diisopropyl ether	5.90	45	258174	54.223	ug/l	99
23) Vinyl Acetate	5.84	43	1019663	265.973	ug/l	99
24) 1,1-Dichloroethane	5.80	63	130074	52.287	ug/l	99
25) 2-Butanone	6.78	43	269449	274.194	ug/l	99
26) 2,2-Dichloropropane	6.77	77	106848	50.993	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	73750	52.119	ug/l	99
28) Bromochloromethane	7.15	49	64313	54.544	ug/l	96
29) Tetrahydrofuran	7.17	42	180753	273.055	ug/l	98
30) Chloroform	7.33	83	126300	50.099	ug/l	100
31) Cyclohexane	7.61	56	114069	47.215	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	108816	49.568	ug/l	98
36) 1,1-Dichloropropene	7.75	75	93766	51.453	ug/l	99
37) Ethyl Acetate	6.88	43	112576	52.694	ug/l	98
38) Carbon Tetrachloride	7.73	117	85366	51.281	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	107084	52.397	ug/l	98
40) Benzene	8.00	78	276451	50.919	ug/l	100
41) Methacrylonitrile	7.13	41	57811m	65.174	ug/l	
42) 1,2-Dichloroethane	8.09	62	108104	52.560	ug/l	99
43) Isopropyl Acetate	8.13	43	243016	68.540	ug/l #	90
44) Trichloroethene	8.80	130	69439	47.312	ug/l	99
45) 1,2-Dichloropropane	9.09	63	75880	52.314	ug/l	99
46) Dibromomethane	9.18	93	46750	52.055	ug/l	99
47) Bromodichloromethane	9.37	83	101308	52.555	ug/l	98
48) Methyl methacrylate	9.17	41	91380	57.114	ug/l	97
49) 1,4-Dioxane	9.17	88	19261	1060.543	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	578875	277.373	ug/l	99
52) Toluene	10.12	92	169550	51.847	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	114997	52.944	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	119831	52.185	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	68665	52.642	ug/l	99
56) Ethyl methacrylate	10.40	69	111393	49.061	ug/l	99
57) 1,3-Dichloropropane	10.68	76	121643	53.055	ug/l	100
59) 2-Hexanone	10.72	43	429745	283.039	ug/l	99
60) Dibromochloromethane	10.87	129	70659	51.722	ug/l	100
61) 1,2-Dibromoethane	10.98	107	68650	52.510	ug/l	99
64) Tetrachloroethene	10.60	164	68297	45.682	ug/l	98
65) Chlorobenzene	11.41	112	173384	50.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	64623	52.731	ug/l	99
67) Ethyl Benzene	11.48	91	332217	51.828	ug/l	100
68) m/p-Xylenes	11.60	106	242608	103.403	ug/l	98
69) o-Xylene	11.92	106	114973	51.015	ug/l	97
70) Stvrene	11.94	104	198449	52.611	ug/l	99
71) Bromoform	12.10	173	48668	54.033	ug/l #	100
73) Isopropylbenzene	12.22	105	318448	51.847	ug/l	100
74) N-amyl acetate	12.05	43	162616	52.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	102107	53.314	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	92582m	52.560	ug/l	
77) Bromobenzene	12.50	156	71998	50.779	ug/l	97
78) n-propylbenzene	12.57	91	382852	52.552	ug/l	100
79) 2-Chlorotoluene	12.65	91	222012	51.847	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	268585	52.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	36666	52.862	ug/l	94
82) 4-Chlorotoluene	12.75	91	236051	52.303	ug/l	98
83) tert-Butylbenzene	12.97	119	236050	55.068	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	271206	51.782	ug/l	99
85) sec-Butylbenzene	13.15	105	311724	53.340	ug/l	100
86) p-Isopropyltoluene	13.26	119	276405	52.494	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	133901	51.300	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	135227	50.705	ug/l	99
89) n-Butylbenzene	13.59	91	265683	55.040	ug/l	99
90) Hexachloroethane	13.85	117	33219	58.885	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	129316	51.670	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21569	53.324	ug/l	99
93) 1,2,4-Trichlorobenzene	14.89	180	77884	51.104	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	34070	53.511	ug/l	98
95) Naphthalene	15.11	128	253838	51.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	76901	51.108	ug/l	100

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

