

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061243.D
 Acq On : 1 May 2020 20:09
 Operator : JC/MD
 Sample : L2468-07MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-803-805MSD

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:58:03 PM

Quant Time: May 04 04:55:41 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	115623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	197993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	187467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	90479	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.55	113	57359	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	10.06	98	248925	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.38	95	92965	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59812	48.783	ug/l	100
3) Chloromethane	2.03	50	89293	60.132	ug/l	99
4) Vinyl Chloride	2.16	62	89934	53.322	ug/l	100
5) Bromomethane	2.53	94	35793	42.932	ug/l	100
6) Chloroethane	2.67	64	52227	48.854	ug/l	99
7) Trichlorofluoromethane	2.98	101	108442	56.989	ug/l	100
8) Diethyl Ether	3.37	74	46312	58.349	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62217	50.753	ug/l	99
10) Methyl Iodide	3.91	142	75223	47.747	ug/l	97
11) Tert butyl alcohol	4.73	59	62884	256.588	ug/l	99
12) 1,1-Dichloroethene	3.70	96	63208	51.813	ug/l	98
13) Acrolein	3.56	56	42167	258.186	ug/l	98
14) Allyl chloride	4.27	41	140570	62.146	ug/l	94
15) Acrylonitrile	4.93	53	214447	285.046	ug/l	98
16) Acetone	3.77	43	187860	265.854	ug/l	98
17) Carbon Disulfide	4.01	76	160587	47.654	ug/l	99
18) Methyl Acetate	4.28	43	106745	46.273	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	239780	51.439	ug/l	99
20) Methylene Chloride	4.50	84	76547	53.658	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	68991	51.936	ug/l	98
22) Diisopropyl ether	5.90	45	293040	55.867	ug/l	97
23) Vinyl Acetate	5.84	43	1056945	250.260	ug/l	99
24) 1,1-Dichloroethane	5.80	63	145547	53.109	ug/l	99
25) 2-Butanone	6.78	43	294463	272.001	ug/l	100
26) 2,2-Dichloropropane	6.78	77	103506	44.840	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	80629	51.723	ug/l	99
28) Bromochloromethane	7.15	49	71103	54.738	ug/l	95
29) Tetrahydrofuran	7.17	42	202197	277.267	ug/l	96
30) Chloroform	7.33	83	138190	49.758	ug/l	99
31) Cyclohexane	7.61	56	127994	48.091	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	117645	48.646	ug/l	99
36) 1,1-Dichloropropene	7.75	75	103285	52.111	ug/l	100
37) Ethyl Acetate	6.88	43	116094	49.964	ug/l	100
38) Carbon Tetrachloride	7.73	117	87541	48.482	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	111222	50.038	ug/l	97
40) Benzene	8.00	78	310461	52.577	ug/l	99
41) Methacrylonitrile	7.12	41	59236	61.401	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	113474	50.726	ug/l	100
43) Isopropyl Acetate	8.13	43	195891	50.799	ug/l #	92
44) Trichloroethene	8.80	130	77521	48.564	ug/l	98
45) 1,2-Dichloropropane	9.09	63	84305	53.441	ug/l	99
46) Dibromomethane	9.18	93	51072	52.287	ug/l	98
47) Bromodichloromethane	9.37	83	109791	52.368	ug/l	99
48) Methyl methacrylate	9.17	41	94557	54.339	ug/l	100
49) 1,4-Dioxane	9.17	88	20075	1016.323	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	628963	277.097	ug/l	100
52) Toluene	10.13	92	186583	52.460	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	120115	50.846	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	126705	50.733	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	73186	51.588	ug/l	98
56) Ethyl methacrylate	10.40	69	120208	48.700	ug/l	97
57) 1,3-Dichloropropane	10.68	76	132804	53.257	ug/l	99
59) 2-Hexanone	10.72	43	457943	277.315	ug/l	100
60) Dibromochloromethane	10.88	129	77007	51.828	ug/l	98
61) 1,2-Dibromoethane	10.98	107	73711	51.839	ug/l	99
64) Tetrachloroethene	10.60	164	75010	46.198	ug/l	99
65) Chlorobenzene	11.41	112	189273	50.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	68721	51.632	ug/l	99
67) Ethyl Benzene	11.48	91	360787	51.827	ug/l	100
68) m/p-Xylenes	11.60	106	262746	103.115	ug/l	99
69) o-Xylene	11.92	106	123665	50.525	ug/l	97
70) Stvrene	11.94	104	214373	52.330	ug/l	99
71) Bromoform	12.10	173	52730	53.906	ug/l #	99
73) Isopropylbenzene	12.22	105	340534	51.749	ug/l	99
74) N-amyl acetate	12.05	43	168094	50.445	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	109383	53.309	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	98779m	52.343	ug/l	
77) Bromobenzene	12.50	156	77687	51.142	ug/l	97
78) n-propylbenzene	12.57	91	414437	53.098	ug/l	99
79) 2-Chlorotoluene	12.65	91	240524	52.428	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	289059	53.074	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	38605	51.950	ug/l	98
82) 4-Chlorotoluene	12.75	91	252736	52.270	ug/l	98
83) tert-Butylbenzene	12.97	119	240176	52.298	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	290719	51.810	ug/l	99
85) sec-Butylbenzene	13.15	105	331655	52.970	ug/l	99
86) p-Isopropyltoluene	13.26	119	295928	52.458	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	143375	51.270	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	145286	50.848	ug/l	99
89) n-Butylbenzene	13.59	91	271613	52.520	ug/l	99
90) Hexachloroethane	13.85	117	32541	54.494	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	139174	51.904	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22309	51.480	ug/l	98
93) 1,2,4-Trichlorobenzene	14.89	180	82634	50.608	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	36689	53.785	ug/l	98
95) Naphthalene	15.11	128	267125	50.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	82227	51.007	ug/l	99

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

