

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064842.D
 Acq On : 25 Nov 2020 4:43
 Operator : JC/MD
 Sample : L4798-10MSD 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MSD

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:51:46 AM

Quant Time: Nov 25 06:46:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	189279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	295448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105974	48.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.32%
35) Dibromofluoromethane	7.55	113	92707	52.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.88%
50) Toluene-d8	10.06	98	362672	50.21	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.42%
62) 4-Bromofluorobenzene	12.37	95	125665	48.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.22%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	75705	46.149	ug/l	97
3) Chloromethane	2.04	50	96037	45.051	ug/l	99
4) Vinyl Chloride	2.17	62	107760	48.486	ug/l	98
5) Bromomethane	2.52	94	62977	43.190	ug/l	97
6) Chloroethane	2.67	64	65599	47.721	ug/l	98
7) Trichlorofluoromethane	2.99	101	144789	47.129	ug/l	96
8) Diethyl Ether	3.37	74	58804	48.491	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	87923	47.707	ug/l	99
10) Methyl Iodide	3.91	142	95014	39.747	ug/l	97
11) Tert butyl alcohol	4.75	59	73770	214.965	ug/l	99
12) 1,1-Dichloroethene	3.69	96	88501	48.218	ug/l	98
13) Acrolein	3.56	56	40607	193.721	ug/l	98
14) Allyl chloride	4.27	41	141218	46.648	ug/l	99
15) Acrylonitrile	4.93	53	229863	242.466	ug/l	100
16) Acetone	3.78	43	173662	240.076	ug/l	97
17) Carbon Disulfide	4.01	76	227159	47.933	ug/l	100
18) Methyl Acetate	4.28	43	103394	47.541	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	289447	49.170	ug/l	100
20) Methylene Chloride	4.50	84	104253	45.993	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	95214	46.714	ug/l	99
22) Diisopropyl ether	5.90	45	304420	50.240	ug/l	98
23) Vinyl Acetate	5.85	43	1223827	252.571	ug/l	100
24) 1,1-Dichloroethane	5.79	63	178350	49.251	ug/l	99
25) 2-Butanone	6.79	43	283672	241.915	ug/l	99
26) 2,2-Dichloropropane	6.78	77	122719	39.073	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	150770	65.736	ug/l	95
28) Bromochloromethane	7.15	49	80785	48.765	ug/l	97
29) Tetrahydrofuran	7.17	42	190420	235.248	ug/l	99
30) Chloroform	7.33	83	181065	48.486	ug/l	100
31) Cyclohexane	7.61	56	141679	46.195	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	155195	48.387	ug/l	100
36) 1,1-Dichloropropene	7.75	75	134133	48.980	ug/l	99
37) Ethyl Acetate	6.88	43	123364	46.766	ug/l	100
38) Carbon Tetrachloride	7.73	117	139132	48.828	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	146274	49.618	ug/l	97
40) Benzene	8.00	78	412534	49.159	ug/l	99
41) Methacrylonitrile	7.13	41	59788	49.120	ug/l	88
42) 1,2-Dichloroethane	8.08	62	133062	47.003	ug/l	99
43) Isopropyl Acetate	8.13	43	199943	47.104	ug/l	100
44) Trichloroethene	8.80	130	353352	142.711	ug/l	96
45) 1,2-Dichloropropane	9.08	63	109652	50.457	ug/l	97
46) Dibromomethane	9.17	93	72098	49.660	ug/l	98
47) Bromodichloromethane	9.37	83	143995	49.292	ug/l	100
48) Methyl methacrylate	9.17	41	96829	47.739	ug/l	97
49) 1,4-Dioxane	9.16	88	35916	936.897	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	609146	239.039	ug/l	100
52) Toluene	10.12	92	259069	50.130	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	153682	47.233	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	170425	48.867	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	104152	49.010	ug/l	98
56) Ethyl methacrylate	10.40	69	146136	49.832	ug/l	100
57) 1,3-Dichloropropane	10.68	76	174740	49.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	408447	253.201	ug/l	100
59) 2-Hexanone	10.72	43	441019	240.471	ug/l	100
60) Dibromochloromethane	10.87	129	118725	50.259	ug/l	97
61) 1,2-Dibromoethane	10.97	107	106964	49.542	ug/l	100
64) Tetrachloroethene	10.60	164	115177	43.658	ug/l	98
65) Chlorobenzene	11.41	112	284130	48.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	107326	50.151	ug/l	100
67) Ethyl Benzene	11.48	91	493999	50.781	ug/l	100
68) m/p-Xylenes	11.59	106	378910	102.877	ug/l	100
69) o-Xylene	11.92	106	182061	52.090	ug/l	100
70) Styrene	11.94	104	313148	53.073	ug/l	99
71) Bromoform	12.10	173	83184	48.666	ug/l #	99
73) Isopropylbenzene	12.22	105	481179	50.958	ug/l	100
74) N-amyl acetate	12.04	43	174589	46.983	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	136124	49.184	ug/l	97
76) 1,2,3-Trichloropropane	12.52	75	130011m	44.470	ug/l	
77) Bromobenzene	12.50	156	122789	48.233	ug/l	98
78) n-propylbenzene	12.56	91	540615	50.257	ug/l	99
79) 2-Chlorotoluene	12.65	91	321392	48.334	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	406188	51.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	44967	42.155	ug/l	95
82) 4-Chlorotoluene	12.75	91	337397	48.408	ug/l	99
83) tert-Butylbenzene	12.96	119	346965	52.740	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	411423	51.845	ug/l	99
85) sec-Butylbenzene	13.14	105	448742	51.374	ug/l	100
86) p-Isopropyltoluene	13.26	119	421365	52.986	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	217356	48.057	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	219083	45.803	ug/l	99
89) n-Butylbenzene	13.59	91	338721	48.502	ug/l	99
90) Hexachloroethane	13.85	117	73190	52.979	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	215830	48.599	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26591	42.700	ug/l	96

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93) 1,2,4-Trichlorobenzene	14.88	180	123543	44.970	ug/l	100
94) Hexachlorobutadiene	14.98	225	58104	46.990	ug/l	98
95) Naphthalene	15.10	128	383296	46.571	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	123170	47.257	ug/l	100

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

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