

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064754.D
 Acq On : 20 Nov 2020 2:16
 Operator : JC/MD
 Sample : VN1119WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1119WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:34 PM

Quant Time: Nov 20 05:51:33 2020
 Quant Title :
 QLast Update : Sat Nov 21 00:39:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	252829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	221168	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.54	113	143420	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.05	98	565764	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	12.37	95	204719	43.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.02%	

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.83	85	57564	18.221	ug/l	97
3) Chloromethane	2.04	50	68783	19.690	ug/l	98
4) Vinyl Chloride	2.17	62	80301	22.030	ug/l	98
5) Bromomethane	2.54	94	57939	21.677	ug/l	97
6) Chloroethane	2.68	64	56145	22.829	ug/l	98
7) Trichlorofluoromethane	2.99	101	134675	20.629	ug/l	98
8) Diethyl Ether	3.37	74	45841	21.762	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55350	19.619	ug/l	99
10) Methyl Iodide	3.91	142	57250	16.976	ug/l	99
11) Tert butyl alcohol	4.73	59	40671	94.256	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	50875	18.716	ug/l	98
13) Acrolein	3.56	56	8279	81.951	ug/l	99
14) Allvl chloride	4.27	41	88735	19.012	ug/l	96
15) Acrylonitrile	4.93	53	117619	92.831	ug/l	100
16) Acetone	3.77	43	114685	109.479	ug/l	98
17) Carbon Disulfide	4.00	76	150734	19.150	ug/l	100
18) Methyl Acetate	4.28	43	60897	19.494	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	170947	18.795	ug/l	100
20) Methylene Chloride	4.50	84	62489	18.973	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	56465	18.617	ug/l	98
22) Diisopropyl ether	5.90	45	191376	19.416	ug/l	97
23) Vinyl Acetate	5.84	43	757420	95.218	ug/l	100
24) 1,1-Dichloroethane	5.79	63	111799	19.360	ug/l	99
25) 2-Butanone	6.78	43	164418	96.691	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93870	17.107	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	64970	19.430	ug/l	97
28) Bromochloromethane	7.15	49	56709	19.476	ug/l	96
29) Tetrahydrofuran	7.16	42	104035	90.549	ug/l	98
30) Chloroform	7.32	83	123224	19.636	ug/l	100
31) Cyclohexane	7.61	56	88893	18.487	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	110800	19.317	ug/l	98
36) 1,1-Dichloropropene	7.75	75	86192	17.020	ug/l	98
37) Ethyl Acetate	6.87	43	76635	18.073	ug/l	98
38) Carbon Tetrachloride	7.73	117	98208	18.248	ug/l	97
39) Methylcyclohexane	9.04	83	71409	15.914	ug/l	97

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40) Benzene	8.00	78	250636	17.763	ug/l	99
41) Methacrylonitrile	7.12	41	36097	18.573	ug/l	90
42) 1,2-Dichloroethane	8.08	62	109878	18.099	ug/l	100
43) Isopropyl Acetate	8.12	43	131191	15.962	ug/l	99
44) Trichloroethene	8.79	130	75447	18.632	ug/l	95
45) 1,2-Dichloropropane	9.08	63	68042	18.091	ug/l	100
46) Dibromomethane	9.17	93	47192	17.701	ug/l	99
47) Bromodichloromethane	9.37	83	100512	17.933	ug/l	99
48) Methyl methacrylate	9.16	41	61895	15.960	ug/l	99
49) 1,4-Dioxane	9.16	88	18729	387.098	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	377999	80.448	ug/l	100
52) Toluene	10.12	92	155991	17.950	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	96135	16.027	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	103573	16.769	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	61897	17.758	ug/l	96
56) Ethyl methacrylate	10.40	69	79072	15.756	ug/l	97
57) 1,3-Dichloropropane	10.68	76	105588	17.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	229662	82.785	ug/l	99
59) 2-Hexanone	10.72	43	268734	79.682	ug/l	98
60) Dibromochloromethane	10.87	129	69561	17.273	ug/l	100
61) 1,2-Dibromoethane	10.97	107	62944	16.930	ug/l	99
64) Tetrachloroethene	10.60	164	72727	19.537	ug/l	97
65) Chlorobenzene	11.40	112	164625	18.430	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	63250	18.951	ug/l	100
67) Ethyl Benzene	11.48	91	283382	17.994	ug/l	99
68) m/p-Xylenes	11.59	106	212635	35.961	ug/l	98
69) o-Xylene	11.92	106	100697	18.327	ug/l	99
70) Styrene	11.94	104	172505	17.818	ug/l	100
71) Bromoform	12.10	173	41822	17.778	ug/l #	96
73) Isopropylbenzene	12.22	105	256873	13.801	ug/l	100
74) N-amyl acetate	12.04	43	111896	12.873	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	72272	13.888	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	89496m	15.844	ug/l	
77) Bromobenzene	12.50	156	66613	14.190	ug/l	96
78) n-propylbenzene	12.56	91	308637	14.239	ug/l	99
79) 2-Chlorotoluene	12.65	91	191121	13.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	226778	14.667	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	24906	12.545	ug/l	93
82) 4-Chlorotoluene	12.74	91	207845	14.050	ug/l	99
83) tert-Butylbenzene	12.97	119	182878	15.289	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	266368	16.880	ug/l	99
85) sec-Butylbenzene	13.14	105	249588	15.655	ug/l	99
86) p-Isopropyltoluene	13.26	119	229372	15.643	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	134179	15.687	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	158878	18.093	ug/l	99
89) n-Butylbenzene	13.59	91	228291	16.678	ug/l	99
90) Hexachloroethane	13.85	117	45547	18.790	ug/l	92
91) 1,2-Dichlorobenzene	13.62	146	155986	18.659	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21287	15.588	ug/l	88
93) 1,2,4-Trichlorobenzene	14.88	180	77756	17.971	ug/l	97
94) Hexachlorobutadiene	14.98	225	36114	19.082	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	240147	16.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	76149	17.952	ug/l	100

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

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