

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064168.D
 Acq On : 16 Oct 2020 16:45
 Operator : JC/MD
 Sample : VN1016WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 4:22:25 PM

Quant Time: Oct 17 01:59:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	469560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	785359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	726570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	315383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	364303	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.55	113	274467	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.06	98	1035446	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.38	95	333921	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	89006	20.119	ug/l	99
3) Chloromethane	2.03	50	121278	22.009	ug/l	97
4) Vinyl Chloride	2.16	62	134454	19.603	ug/l	99
5) Bromomethane	2.54	94	96383	18.725	ug/l	97
6) Chloroethane	2.68	64	90143	16.531	ug/l	93
7) Trichlorofluoromethane	2.99	101	177180	18.781	ug/l	98
8) Diethyl Ether	3.38	74	57978	19.644	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.72	101	96904	20.925	ug/l	98
10) Methyl Iodide	3.91	142	108030	16.546	ug/l	100
11) Tert butyl alcohol	4.74	59	82524	111.449	ug/l	99
12) 1,1-Dichloroethene	3.70	96	88868	19.002	ug/l	99
13) Acrolein	3.57	56	10543	17.335	ug/l	98
14) Allyl chloride	4.28	41	159904	21.913	ug/l	94
15) Acrylonitrile	4.94	53	231011	108.657	ug/l	100
16) Acetone	3.78	43	263235	132.704	ug/l	96
17) Carbon Disulfide	4.01	76	259919	19.445	ug/l	100
18) Methyl Acetate	4.28	43	114614	23.034	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	272308	19.740	ug/l	94
20) Methylene Chloride	4.51	84	114426	18.643	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	99846	18.831	ug/l	92
22) Diisopropyl ether	5.90	45	322241	22.732	ug/l	89
23) Vinyl Acetate	5.85	43	1427995	112.775	ug/l	98
24) 1,1-Dichloroethane	5.80	63	208297	21.042	ug/l	99
25) 2-Butanone	6.79	43	361835	118.594	ug/l	94
26) 2,2-Dichloropropane	6.78	77	169613	20.594	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	116468	18.672	ug/l	93
28) Bromochloromethane	7.15	49	112767	23.916	ug/l #	99
29) Tetrahydrofuran	7.17	42	204198	114.516	ug/l	92
30) Chloroform	7.33	83	210605	19.970	ug/l	99
31) Cyclohexane	7.62	56	148433	20.078	ug/l	91
32) 1,1,1-Trichloroethane	7.53	97	178730	19.613	ug/l	99
36) 1,1-Dichloropropene	7.76	75	144168	19.045	ug/l	98
37) Ethyl Acetate	6.88	43	154434	22.988	ug/l	96
38) Carbon Tetrachloride	7.74	117	149865	18.411	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	120485	18.932	ug/l	91
40) Benzene	8.01	78	458913	20.019	ug/l	98
41) Methacrylonitrile	7.13	41	54143	18.615	ug/l	93
42) 1,2-Dichloroethane	8.09	62	170938	20.957	ug/l	98
43) Isopropyl Acetate	8.13	43	243312	21.826	ug/l #	86
44) Trichloroethene	8.80	130	112584	18.677	ug/l	99
45) 1,2-Dichloropropane	9.08	63	125368	20.874	ug/l	96
46) Dibromomethane	9.17	93	80118	18.803	ug/l	98
47) Bromodichloromethane	9.37	83	165009	19.793	ug/l	99
48) Methyl methacrylate	9.17	41	110272	21.414	ug/l	97
49) 1,4-Dioxane	9.18	88	33373	426.799	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	758108	114.923	ug/l	96
52) Toluene	10.13	92	274151	19.464	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	168701	19.722	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	186346	19.827	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	111356	19.083	ug/l	98
56) Ethyl methacrylate	10.40	69	146122	18.787	ug/l	92
57) 1,3-Dichloropropane	10.68	76	191221	19.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	408634	102.608	ug/l	97
59) 2-Hexanone	10.72	43	549418	111.642	ug/l	94
60) Dibromochloromethane	10.87	129	119640	18.252	ug/l	100
61) 1,2-Dibromoethane	10.98	107	114006	19.195	ug/l	99
64) Tetrachloroethene	10.60	164	101443	18.519	ug/l	95
65) Chlorobenzene	11.41	112	285536	18.662	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	107963	18.585	ug/l	98
67) Ethyl Benzene	11.49	91	494618	19.298	ug/l	98
68) m/p-Xylenes	11.59	106	368939	36.344	ug/l	96
69) o-Xylene	11.92	106	170246	17.888	ug/l	98
70) Styrene	11.94	104	292514	18.131	ug/l	97
71) Bromoform	12.10	173	78694	17.854	ug/l #	100
73) Isopropylbenzene	12.23	105	444496	19.457	ug/l	100
74) N-amyl acetate	12.05	43	192092	22.453	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	153050	19.459	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	146420m	19.789	ug/l	
77) Bromobenzene	12.50	156	112523	18.143	ug/l	88
78) n-propylbenzene	12.57	91	526480	20.648	ug/l	96
79) 2-Chlorotoluene	12.65	91	320229	19.747	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	373094	20.347	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	49611	20.485	ug/l	90
82) 4-Chlorotoluene	12.75	91	338413	20.706	ug/l	96
83) tert-Butylbenzene	12.97	119	288861	19.048	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	367804	19.358	ug/l	98
85) sec-Butylbenzene	13.15	105	388335	19.920	ug/l	100
86) p-Isopropyltoluene	13.26	119	343512	19.045	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	195640	18.933	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	197362	18.674	ug/l	98
89) n-Butylbenzene	13.59	91	287810	20.261	ug/l	97
90) Hexachloroethane	13.85	117	63218	19.485	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	196845	19.139	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31031	20.498	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	82368	18.453	ug/l	97
94) Hexachlorobutadiene	14.98	225	49683	20.278	ug/l	98
95) Naphthalene	15.10	128	246846	18.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	87929	19.297	ug/l	99

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

