

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064755.D
 Acq On : 20 Nov 2020 3:07
 Operator : JC/MD
 Sample : VN1119WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:36 PM

Quant Time: Nov 20 05:53:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	347344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	603078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	559641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256395	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	259105	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
35) Dibromofluoromethane	7.54	113	187093	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
50) Toluene-d8	10.06	98	731968	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
62) 4-Bromofluorobenzene	12.37	95	257216	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	66611	15.348	ug/l	98
3) Chloromethane	2.04	50	91676	19.102	ug/l	96
4) Vinyl Chloride	2.16	62	88652	17.703	ug/l	99
5) Bromomethane	2.54	94	58557	15.947	ug/l	97
6) Chloroethane	2.68	64	56155	16.620	ug/l #	89
7) Trichlorofluoromethane	2.99	101	125371	13.979	ug/l	95
8) Diethyl Ether	3.37	74	49714	17.179	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	72893	18.807	ug/l	97
10) Methyl Iodide	3.91	142	79446	17.147	ug/l	95
11) Tert butyl alcohol	4.73	59	56304	94.979	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	67664	18.119	ug/l	95
13) Acrolein	3.56	56	13774	99.244	ug/l	92
14) Allyl chloride	4.27	41	122632	19.125	ug/l #	86
15) Acrylonitrile	4.93	53	179141	102.915	ug/l	97
16) Acetone	3.77	43	158669	110.216	ug/l	93
17) Carbon Disulfide	4.00	76	200052	18.504	ug/l	100
18) Methyl Acetate	4.28	43	88213	20.482	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	227668	18.220	ug/l	97
20) Methylene Chloride	4.50	84	86843	19.193	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	75852	18.204	ug/l	96
22) Diisopropyl ether	5.90	45	268320	19.815	ug/l	95
23) Vinyl Acetate	5.84	43	1045679	95.686	ug/l	99
24) 1,1-Dichloroethane	5.79	63	151251	19.065	ug/l	99
25) 2-Butanone	6.78	43	230790	98.792	ug/l	100
26) 2,2-Dichloropropane	6.77	77	111188	14.749	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	84990	18.501	ug/l	97
28) Bromochloromethane	7.14	49	76282	19.070	ug/l	100
29) Tetrahydrofuran	7.16	42	154478	97.868	ug/l	99
30) Chloroform	7.32	83	153200	17.770	ug/l	97
31) Cyclohexane	7.61	56	117030	17.716	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	132111	16.765	ug/l	98
36) 1,1-Dichloropropene	7.75	75	109323	17.620	ug/l	97
37) Ethyl Acetate	6.88	43	107270	20.648	ug/l	99
38) Carbon Tetrachloride	7.73	117	113999	17.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	96742	17.597	ug/l	96
40) Benzene	8.00	78	336914	19.489	ug/l	97
41) Methacrylonitrile	7.12	41	48881	20.528	ug/l	91
42) 1,2-Dichloroethane	8.08	62	127640	17.160	ug/l	97
43) Isopropyl Acetate	8.12	43	174286	17.308	ug/l	97
44) Trichloroethene	8.80	130	90803	18.302	ug/l	99
45) 1,2-Dichloropropane	9.08	63	91541	19.865	ug/l	95
46) Dibromomethane	9.17	93	59009	18.065	ug/l	91
47) Bromodichloromethane	9.36	83	120426	17.537	ug/l	97
48) Methyl methacrylate	9.16	41	84791	17.846	ug/l	92
49) 1,4-Dioxane	9.16	88	24424	412.019	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	504175	87.036	ug/l	97
52) Toluene	10.12	92	203016	19.067	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	121754	16.567	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	140937	18.624	ug/l #	87
55) 1,1,2-Trichloroethane	10.53	97	79360	18.583	ug/l	96
56) Ethyl methacrylate	10.40	69	106652	17.075	ug/l #	92
57) 1,3-Dichloropropane	10.68	76	140270	18.961	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	307974	89.354	ug/l	99
59) 2-Hexanone	10.72	43	351756	84.551	ug/l	96
60) Dibromochloromethane	10.87	129	89333	18.106	ug/l	99
61) 1,2-Dibromoethane	10.97	107	84650	18.584	ug/l	99
64) Tetrachloroethene	10.60	164	95258	19.200	ug/l	97
65) Chlorobenzene	11.40	112	216436	18.181	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	80115	18.011	ug/l	99
67) Ethyl Benzene	11.48	91	364023	17.343	ug/l	98
68) m/p-Xylenes	11.59	106	274494	34.959	ug/l	95
69) o-Xylene	11.92	106	129283	17.655	ug/l	97
70) Styrene	11.94	104	222642	17.335	ug/l	98
71) Bromoform	12.10	173	56863	18.087	ug/l #	99
73) Isopropylbenzene	12.22	105	330243	18.141	ug/l	99
74) N-amyl acetate	12.04	43	145428	17.106	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	96336	18.928	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	109709m	19.859	ug/l	
77) Bromobenzene	12.50	156	88086	19.185	ug/l	94
78) n-propylbenzene	12.56	91	384574	18.140	ug/l	100
79) 2-Chlorotoluene	12.65	91	242108	17.843	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	280553	18.553	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	32975	16.441	ug/l	92
82) 4-Chlorotoluene	12.74	91	257997	17.832	ug/l	98
83) tert-Butylbenzene	12.96	119	214889	18.369	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	284675	18.445	ug/l	99
85) sec-Butylbenzene	13.14	105	285406	18.304	ug/l	97
86) p-Isopropyltoluene	13.26	119	255447	17.813	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	156352	18.690	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	157506	18.339	ug/l	98
89) n-Butylbenzene	13.59	91	224320	16.756	ug/l	99
90) Hexachloroethane	13.85	117	45796	19.317	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	153334	18.754	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21847	16.358	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	77652	18.321	ug/l	98
94) Hexachlorobutadiene	14.98	225	35256	19.046	ug/l	98
95) Naphthalene	15.10	128	240434	16.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	74724	18.009	ug/l	99

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

