

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063383.D
 Acq On : 16 Sep 2020 23:28
 Operator : JC/MD
 Sample : VN0916WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:44:06 PM

Quant Time: Sep 17 04:54:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	284578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	504399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	455075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219719	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	7.55	113	151155	43.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.58%	
50) Toluene-d8	10.06	98	586111	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
62) 4-Bromofluorobenzene	12.38	95	214895	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	58657	18.194	ug/l	99
3) Chloromethane	2.04	50	77247	18.112	ug/l	99
4) Vinyl Chloride	2.17	62	73303	19.399	ug/l	97
5) Bromomethane	2.54	94	46396	20.679	ug/l	100
6) Chloroethane	2.68	64	43460	18.736	ug/l	99
7) Trichlorofluoromethane	2.99	101	106112	18.822	ug/l	96
8) Diethyl Ether	3.38	74	40939	18.627	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	56549	17.835	ug/l	97
10) Methyl Iodide	3.91	142	75383	18.262	ug/l	99
11) Tert butyl alcohol	4.72	59	57790	86.112	ug/l	99
12) 1,1-Dichloroethene	3.70	96	58918	18.346	ug/l	97
13) Acrolein	3.57	56	27015	108.624	ug/l	97
14) Allyl chloride	4.28	41	114222	17.981	ug/l	100
15) Acrylonitrile	4.93	53	155606	91.154	ug/l	100
16) Acetone	3.77	43	137589	88.376	ug/l	100
17) Carbon Disulfide	4.01	76	169584	18.154	ug/l	98
18) Methyl Acetate	4.28	43	69731	17.643	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	214342	17.908	ug/l	99
20) Methylene Chloride	4.51	84	72097	18.278	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	66637	18.729	ug/l	93
22) Diisopropyl ether	5.90	45	237804	18.356	ug/l	93
23) Vinyl Acetate	5.84	43	981363	92.235	ug/l	99
24) 1,1-Dichloroethane	5.80	63	132674	18.758	ug/l	100
25) 2-Butanone	6.78	43	214462	89.567	ug/l	99
26) 2,2-Dichloropropane	6.78	77	93029	14.939	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	73686	18.297	ug/l	99
28) Bromochloromethane	7.15	49	64049	19.612	ug/l	96
29) Tetrahydrofuran	7.16	42	142798	87.320	ug/l	99
30) Chloroform	7.33	83	130566	18.399	ug/l	95
31) Cyclohexane	7.62	56	119530	17.866	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	115157	18.245	ug/l	99
36) 1,1-Dichloropropene	7.76	75	98893	18.403	ug/l	98
37) Ethyl Acetate	6.88	43	93831	17.791	ug/l	99
38) Carbon Tetrachloride	7.73	117	98572	17.970	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	101215	17.355	ug/l	100
40) Benzene	8.00	78	279354	18.211	ug/l	100
41) Methacrylonitrile	7.14	41	43794m	18.462	ug/l	
42) 1,2-Dichloroethane	8.09	62	111127	18.014	ug/l	100
43) Isopropyl Acetate	8.13	43	162503	17.232	ug/l	99
44) Trichloroethene	8.80	130	67329	18.096	ug/l	94
45) 1,2-Dichloropropane	9.08	63	76945	18.417	ug/l	100
46) Dibromomethane	9.18	93	48954	17.828	ug/l	98
47) Bromodichloromethane	9.37	83	103525	18.147	ug/l	99
48) Methyl methacrylate	9.16	41	80798	17.439	ug/l	98
49) 1,4-Dioxane	9.16	88	23132	347.902	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	476833	90.318	ug/l	99
52) Toluene	10.13	92	173482	18.810	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	109749	17.233	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	119201	17.745	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	68724	18.760	ug/l	98
56) Ethyl methacrylate	10.40	69	103025	18.015	ug/l	98
57) 1,3-Dichloropropane	10.68	76	120009	18.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	269117	89.705	ug/l	99
59) 2-Hexanone	10.72	43	341251	89.219	ug/l	99
60) Dibromochloromethane	10.87	129	72759	17.581	ug/l	98
61) 1,2-Dibromoethane	10.98	107	69451	18.248	ug/l	99
64) Tetrachloroethene	10.60	164	59477	19.194	ug/l	96
65) Chlorobenzene	11.41	112	176482	18.269	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	67432	19.043	ug/l	100
67) Ethyl Benzene	11.48	91	339073	18.639	ug/l	98
68) m/p-Xylenes	11.59	106	245308	37.400	ug/l	96
69) o-Xylene	11.92	106	117193	18.757	ug/l	99
70) Styrene	11.94	104	196053	18.711	ug/l	99
71) Bromoform	12.10	173	47364	17.955	ug/l #	98
73) Isopropylbenzene	12.23	105	317176	18.884	ug/l	99
74) N-amyl acetate	12.05	43	144410	18.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	97812	18.808	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	88676m	17.093	ug/l	
77) Bromobenzene	12.50	156	73940	19.571	ug/l	96
78) n-propylbenzene	12.57	91	368216	18.823	ug/l	99
79) 2-Chlorotoluene	12.65	91	222983	19.015	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	266960	19.061	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	31450	16.621	ug/l	98
82) 4-Chlorotoluene	12.75	91	231983	18.723	ug/l	99
83) tert-Butylbenzene	12.97	119	218910	18.938	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	266311	18.825	ug/l	98
85) sec-Butylbenzene	13.15	105	291142	18.816	ug/l	99
86) p-Isopropyltoluene	13.26	119	252797	18.524	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	131402	18.765	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	132565	18.620	ug/l	98
89) n-Butylbenzene	13.59	91	228153	18.137	ug/l	99
90) Hexachloroethane	13.85	117	46179	17.770	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	130078	18.921	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21543	17.396	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	72826	17.968	ug/l	99
94) Hexachlorobutadiene	14.98	225	29347	17.490	ug/l	95
95) Naphthalene	15.10	128	235111	17.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	69852	17.837	ug/l	99

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

