

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063984.D
 Acq On : 8 Oct 2020 12:31
 Operator : JC/MD
 Sample : VN1008WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:32:06 PM

Quant Time: Oct 09 04:36:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	216113	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	7.55	113	152853	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.06	98	549097	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.38	95	203685	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45976	16.251	ug/l	98
3) Chloromethane	2.04	50	57911	17.445	ug/l	100
4) Vinyl Chloride	2.17	62	55438	16.637	ug/l	100
5) Bromomethane	2.54	94	33881	16.165	ug/l	95
6) Chloroethane	2.68	64	36536	18.349	ug/l	99
7) Trichlorofluoromethane	2.99	101	95005	17.977	ug/l	97
8) Diethyl Ether	3.37	74	33783	18.902	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52916	18.734	ug/l	97
10) Methyl Iodide	3.91	142	52443	15.990	ug/l	98
11) Tert butyl alcohol	4.73	59	47672	97.482	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	47095	17.443	ug/l	99
13) Acrolein	3.57	56	30950	103.117	ug/l	96
14) Allyl chloride	4.28	41	92715	18.484	ug/l	96
15) Acrylonitrile	4.93	53	142927	102.103	ug/l	100
16) Acetone	3.77	43	137125	100.564	ug/l	99
17) Carbon Disulfide	4.01	76	124848	17.569	ug/l	98
18) Methyl Acetate	4.28	43	76086	21.491	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	187383	19.103	ug/l	100
20) Methylene Chloride	4.51	84	62494	20.068	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	53106	17.560	ug/l	97
22) Diisopropyl ether	5.90	45	214036	20.740	ug/l	94
23) Vinyl Acetate	5.84	43	860876	100.703	ug/l	98
24) 1,1-Dichloroethane	5.80	63	111828	18.952	ug/l	98
25) 2-Butanone	6.78	43	199568	103.233	ug/l	98
26) 2,2-Dichloropropane	6.77	77	97939	18.124	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	66198	19.033	ug/l	98
28) Bromochloromethane	7.15	49	52369	17.957	ug/l	97
29) Tetrahydrofuran	7.16	42	136051	104.931	ug/l	94
30) Chloroform	7.33	83	120426	19.573	ug/l	94
31) Cyclohexane	7.61	56	90064	17.514	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	102899	18.542	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80881	18.521	ug/l	100
37) Ethyl Acetate	6.88	43	81489	18.782	ug/l	99
38) Carbon Tetrachloride	7.73	117	90836	18.549	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75482	17.332	ug/l	97
40) Benzene	8.00	78	240283	19.264	ug/l	99
41) Methacrylonitrile	7.13	41	37327m	19.357	ug/l	
42) 1,2-Dichloroethane	8.09	62	103574	19.453	ug/l	99
43) Isopropyl Acetate	8.13	43	146466	20.466	ug/l #	90
44) Trichloroethene	8.80	130	61176	18.719	ug/l	99
45) 1,2-Dichloropropane	9.08	63	68351	20.290	ug/l	98
46) Dibromomethane	9.17	93	45152	19.430	ug/l	98
47) Bromodichloromethane	9.37	83	93966	19.620	ug/l	94
48) Methyl methacrylate	9.16	41	68869	19.478	ug/l	94
49) 1,4-Dioxane	9.17	88	18078	359.753	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	442697	105.410	ug/l	100
52) Toluene	10.13	92	153084	19.842	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	99593	19.399	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	105504	19.650	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	62967	20.351	ug/l	95
56) Ethyl methacrylate	10.40	69	85294	19.448	ug/l	95
57) 1,3-Dichloropropane	10.68	76	106588	20.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	220218	93.871	ug/l	100
59) 2-Hexanone	10.72	43	316579	101.472	ug/l	99
60) Dibromochloromethane	10.87	129	68696	19.065	ug/l	95
61) 1,2-Dibromoethane	10.98	107	64124	20.260	ug/l	97
64) Tetrachloroethene	10.60	164	57743	18.413	ug/l	98
65) Chlorobenzene	11.41	112	162576	19.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62449	19.591	ug/l	96
67) Ethyl Benzene	11.49	91	284204	18.784	ug/l	98
68) m/p-Xylenes	11.59	106	213055	37.783	ug/l	99
69) o-Xylene	11.92	106	101776	19.310	ug/l	98
70) Styrene	11.94	104	167979	18.776	ug/l	99
71) Bromoform	12.10	173	46859	19.220	ug/l #	96
73) Isopropylbenzene	12.23	105	265835	19.643	ug/l	99
74) N-amyl acetate	12.04	43	119644	20.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	86548	20.914	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	84722m	20.714	ug/l	
77) Bromobenzene	12.50	156	68042	20.490	ug/l	97
78) n-propylbenzene	12.57	91	305850	19.419	ug/l	100
79) 2-Chlorotoluene	12.65	91	193824	20.010	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	222809	19.624	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	28022	19.732	ug/l	96
82) 4-Chlorotoluene	12.75	91	198627	19.753	ug/l	96
83) tert-Butylbenzene	12.97	119	180068	19.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	221843	19.570	ug/l	97
85) sec-Butylbenzene	13.15	105	235573	19.312	ug/l	100
86) p-Isopropyltoluene	13.26	119	207477	19.227	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118320	19.695	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	120168	19.211	ug/l	98
89) n-Butylbenzene	13.59	91	174697	17.540	ug/l	99
90) Hexachloroethane	13.85	117	40879	19.549	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	118758	19.958	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18749	19.318	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52648	17.443	ug/l	97
94) Hexachlorobutadiene	14.98	225	34527	21.439	ug/l	97
95) Naphthalene	15.11	128	154025	16.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	52926	17.904	ug/l	98

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

