

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091120\
 Data File : VN063308.D
 Acq On : 11 Sep 2020 12:27
 Operator : JC/MD
 Sample : VN0911WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS01

Manual Integrations
 APPROVED

sam
 9/21/2020 7:25:56 PM

Quant Time: Sep 21 18:56:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 18:39:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	423903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	758494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	692344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	306025	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	324387	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.55	113	235938	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	10.06	98	931257	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.38	95	328142	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	69662	17.111	ug/l 97
3) Chloromethane	2.04	50	107281	18.592	ug/l 94
4) Vinyl Chloride	2.17	62	108878	18.903	ug/l 97
5) Bromomethane	2.54	94	71296	17.742	ug/l 93
6) Chloroethane	2.68	64	71146	18.883	ug/l 97
7) Trichlorofluoromethane	2.99	101	156304	17.548	ug/l 99
8) Diethyl Ether	3.38	74	57146	17.993	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	82182	17.660	ug/l 99
10) Methyl Iodide	3.91	142	107342	17.794	ug/l 99
11) Tert butyl alcohol	4.72	59	81802	92.898	ug/l 99
12) 1,1-Dichloroethene	3.70	96	81943	17.640	ug/l 97
13) Acrolein	3.57	56	49900	113.469	ug/l 98
14) Allyl chloride	4.28	41	152902	16.034	ug/l 96
15) Acrylonitrile	4.93	53	224924	93.424	ug/l 99
16) Acetone	3.78	43	199027	86.543	ug/l 100
17) Carbon Disulfide	4.01	76	234836	17.401	ug/l 100
18) Methyl Acetate	4.28	43	106062	18.346	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	296460	17.860	ug/l 99
20) Methylene Chloride	4.50	84	102204	18.723	ug/l 96
21) trans-1,2-Dichloroethene	4.99	96	92584	17.810	ug/l 98
22) Diisopropyl ether	5.90	45	341482	18.197	ug/l 93
23) Vinyl Acetate	5.84	43	1411136	95.531	ug/l 99
24) 1,1-Dichloroethane	5.80	63	182652	17.973	ug/l 99
25) 2-Butanone	6.79	43	313274	92.217	ug/l 99
26) 2,2-Dichloropropane	6.78	77	156636	17.585	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	107396	17.727	ug/l 97
28) Bromochloromethane	7.15	49	88852	18.030	ug/l 99
29) Tetrahydrofuran	7.16	42	210995	95.386	ug/l 99
30) Chloroform	7.33	83	184384	18.120	ug/l 98
31) Cyclohexane	7.61	56	165961	17.767	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	160356	18.078	ug/l 99
36) 1,1-Dichloropropene	7.75	75	137038	17.577	ug/l 99
37) Ethyl Acetate	6.88	43	135113	17.615	ug/l 99
38) Carbon Tetrachloride	7.73	117	135460	17.653	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	146241	17.194	ug/l	94
40) Benzene	8.00	78	404010	18.143	ug/l	100
41) Methacrylonitrile	7.12	41	57539	16.584	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	153507	18.169	ug/l	100
43) Isopropyl Acetate	8.13	43	242608	18.677	ug/l	99
44) Trichloroethene	8.80	130	105809	18.169	ug/l	97
45) 1,2-Dichloropropane	9.08	63	110480	18.088	ug/l	98
46) Dibromomethane	9.17	93	72706	18.356	ug/l	97
47) Bromodichloromethane	9.37	83	144959	17.562	ug/l	97
48) Methyl methacrylate	9.17	41	112753	18.192	ug/l	98
49) 1,4-Dioxane	9.17	88	33023	344.124	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	694986	97.085	ug/l	100
52) Toluene	10.13	92	249590	18.358	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	159722	17.745	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	172853	17.836	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	95351	17.898	ug/l	99
56) Ethyl methacrylate	10.40	69	147158	18.164	ug/l	100
57) 1,3-Dichloropropane	10.68	76	170977	18.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	395488	91.008	ug/l	98
59) 2-Hexanone	10.72	43	499221	94.559	ug/l	100
60) Dibromochloromethane	10.87	129	105870	18.097	ug/l	99
61) 1,2-Dibromoethane	10.98	107	98569	17.747	ug/l	98
64) Tetrachloroethene	10.60	164	102425	18.059	ug/l	97
65) Chlorobenzene	11.41	112	261490	17.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	94448	17.392	ug/l	97
67) Ethyl Benzene	11.49	91	484798	18.118	ug/l	100
68) m/p-Xylenes	11.59	106	349918	35.353	ug/l	98
69) o-Xylene	11.92	106	169088	17.801	ug/l	100
70) Styrene	11.94	104	282447	17.891	ug/l	99
71) Bromoform	12.10	173	65231	17.367	ug/l #	100
73) Isopropylbenzene	12.23	105	449473	18.209	ug/l	100
74) N-amyl acetate	12.05	43	191862	18.932	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	128725	18.209	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	121324m	17.970	ug/l	
77) Bromobenzene	12.50	156	103961	18.323	ug/l	99
78) n-propylbenzene	12.57	91	513438	18.310	ug/l	100
79) 2-Chlorotoluene	12.65	91	312610	18.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	375415	18.316	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	43822	17.440	ug/l	94
82) 4-Chlorotoluene	12.75	91	316924	17.535	ug/l	99
83) tert-Butylbenzene	12.97	119	307885	17.712	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	384217	18.598	ug/l	100
85) sec-Butylbenzene	13.15	105	401546	18.157	ug/l	99
86) p-Isopropyltoluene	13.27	119	365567	18.031	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	181193	17.468	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	185380	18.038	ug/l	99
89) n-Butylbenzene	13.59	91	320784	17.527	ug/l	99
90) Hexachloroethane	13.85	117	60678	18.194	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	183271	17.876	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	28232	17.562	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	96724	16.118	ug/l	98
94) Hexachlorobutadiene	14.98	225	37819	16.636	ug/l	95
95) Naphthalene	15.11	128	300756	16.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	93576	16.816	ug/l	99

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

