

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063451.D
 Acq On : 18 Sep 2020 12:38
 Operator : JC/MD
 Sample : VN0918WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:49:43 AM

Quant Time: Sep 21 01:50:24 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	7.62	168	283458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	205710	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	215683	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	7.55	113	153422	45.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.88%	
50) Toluene-d8	10.06	98	584932	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.38	95	219422	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	56316	17.537	ug/l	97
3) Chloromethane	2.04	50	67813	15.963	ug/l	99
4) Vinyl Chloride	2.16	62	66428	17.649	ug/l	98
5) Bromomethane	2.54	94	44052	19.712	ug/l	98
6) Chloroethane	2.68	64	40316	17.450	ug/l	95
7) Trichlorofluoromethane	2.99	101	103827	18.489	ug/l	98
8) Diethyl Ether	3.37	74	40634	18.562	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57881	18.328	ug/l	98
10) Methyl Iodide	3.92	142	74659	18.158	ug/l	99
11) Tert butyl alcohol	4.72	59	57626	86.207	ug/l	99
12) 1,1-Dichloroethene	3.70	96	55489	17.347	ug/l	96
13) Acrolein	3.57	56	26728	107.895	ug/l	96
14) Allyl chloride	4.28	41	97229	15.367	ug/l	87
15) Acrylonitrile	4.93	53	150285	88.385	ug/l	99
16) Acetone	3.77	43	135362	87.289	ug/l	98
17) Carbon Disulfide	4.01	76	154507	16.606	ug/l	100
18) Methyl Acetate	4.28	43	72085	18.311	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	211138	17.710	ug/l	98
20) Methylene Chloride	4.50	84	70320	17.898	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	61056	17.228	ug/l	91
22) Diisopropyl ether	5.90	45	229043	17.749	ug/l	99
23) Vinyl Acetate	5.84	43	957313	90.330	ug/l	99
24) 1,1-Dichloroethane	5.80	63	124250	17.636	ug/l	99
25) 2-Butanone	6.78	43	205827	86.300	ug/l	97
26) 2,2-Dichloropropane	6.78	77	103373	16.665	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	72085	17.970	ug/l	97
28) Bromochloromethane	7.15	49	60543	18.612	ug/l	98
29) Tetrahydrofuran	7.17	42	139266	85.497	ug/l	98
30) Chloroform	7.33	83	126784	17.937	ug/l	98
31) Cyclohexane	7.61	56	112517	16.884	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	110398	17.560	ug/l	99
36) 1,1-Dichloropropene	7.75	75	90747	17.656	ug/l	99
37) Ethyl Acetate	6.88	43	89332	17.709	ug/l #	96
38) Carbon Tetrachloride	7.73	117	94069	17.929	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	97894	17.549	ug/l	95
40) Benzene	8.00	78	267558	18.236	ug/l	99
41) Methacrylonitrile	7.12	41	37811	16.665	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	111533	18.902	ug/l	99
43) Isopropyl Acetate	8.13	43	156457	17.345	ug/l	99
44) Trichloroethene	8.80	130	67979	19.102	ug/l	97
45) 1,2-Dichloropropane	9.08	63	75301	18.844	ug/l	98
46) Dibromomethane	9.17	93	49799	18.960	ug/l	98
47) Bromodichloromethane	9.37	83	101639	18.627	ug/l	97
48) Methyl methacrylate	9.17	41	78302	17.669	ug/l	98
49) 1,4-Dioxane	9.16	88	22071	347.045	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	467173	92.513	ug/l	100
52) Toluene	10.13	92	169179	19.178	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	110795	18.189	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	118068	18.376	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	67897	19.377	ug/l	98
56) Ethyl methacrylate	10.40	69	99686	18.224	ug/l	99
57) 1,3-Dichloropropane	10.68	76	115734	18.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	259041	90.274	ug/l	98
59) 2-Hexanone	10.72	43	337119	92.149	ug/l	99
60) Dibromochloromethane	10.87	129	73946	18.680	ug/l	98
61) 1,2-Dibromoethane	10.98	107	69429	19.072	ug/l	100
64) Tetrachloroethene	10.60	164	60745	20.239	ug/l	97
65) Chlorobenzene	11.41	112	174190	18.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	65171	19.002	ug/l	99
67) Ethyl Benzene	11.48	91	323300	18.348	ug/l	99
68) m/p-Xylenes	11.59	106	236189	37.178	ug/l	99
69) o-Xylene	11.92	106	116715	19.286	ug/l	97
70) Styrene	11.94	104	193522	19.068	ug/l	99
71) Bromoform	12.10	173	47131	18.446	ug/l #	98
73) Isopropylbenzene	12.23	105	308518	18.716	ug/l	99
74) N-amyl acetate	12.05	43	137912	17.674	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	94755	18.564	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	88781m	17.437	ug/l	
77) Bromobenzene	12.50	156	72893	19.658	ug/l	95
78) n-propylbenzene	12.57	91	366199	19.073	ug/l	99
79) 2-Chlorotoluene	12.65	91	217890	18.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	261266	19.007	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	32163	17.318	ug/l	97
82) 4-Chlorotoluene	12.75	91	225650	18.556	ug/l	99
83) tert-Butylbenzene	12.97	119	211136	18.610	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	264879	19.077	ug/l	100
85) sec-Butylbenzene	13.15	105	287363	18.923	ug/l	99
86) p-Isopropyltoluene	13.26	119	254872	19.028	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	129193	18.798	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	134299	19.220	ug/l	99
89) n-Butylbenzene	13.59	91	228999	18.548	ug/l	99
90) Hexachloroethane	13.85	117	44239	17.345	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	128812	19.090	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21518	17.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	73395	18.451	ug/l	99
94) Hexachlorobutadiene	14.98	225	32023	19.445	ug/l	99
95) Naphthalene	15.10	128	237991	18.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	69903	18.187	ug/l	98

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

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