

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063131.D
 Acq On : 26 Aug 2020 14:25
 Operator : JC/MD
 Sample : VN0826WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:16 PM

Quant Time: Aug 26 16:01:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	194157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	297679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	119283	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.55	113	100492	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.06	98	384568	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.38	95	134564	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47698	18.976	ug/l	98
3) Chloromethane	2.03	50	50780	19.075	ug/l	97
4) Vinyl Chloride	2.17	62	51119	19.856	ug/l	98
5) Bromomethane	2.55	94	30191	19.757	ug/l	98
6) Chloroethane	2.68	64	31137	20.484	ug/l	98
7) Trichlorofluoromethane	2.99	101	64561	20.109	ug/l	99
8) Diethyl Ether	3.38	74	21486	18.917	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34442	19.908	ug/l	98
10) Methyl Iodide	3.91	142	41265	18.818	ug/l	99
11) Tert butyl alcohol	4.73	59	23760	72.896	ug/l	99
12) 1,1-Dichloroethene	3.70	96	29786	18.073	ug/l	98
13) Acrolein	3.57	56	725	7.100	ug/l #	75
14) Allyl chloride	4.28	41	54165	18.640	ug/l	99
15) Acrylonitrile	4.93	53	88382	92.256	ug/l	98
16) Acetone	3.78	43	64284	87.028	ug/l	99
17) Carbon Disulfide	4.01	76	71389	16.540	ug/l	98
18) Methyl Acetate	4.28	43	41223	18.027	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	114769	19.968	ug/l	100
20) Methylene Chloride	4.51	84	42297	20.048	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	32352	18.758	ug/l	98
22) Diisopropyl ether	5.91	45	137585	20.865	ug/l	100
23) Vinyl Acetate	5.85	43	405975	91.234	ug/l	99
24) 1,1-Dichloroethane	5.80	63	72777	19.750	ug/l	98
25) 2-Butanone	6.79	43	104832	85.810	ug/l	99
26) 2,2-Dichloropropane	6.78	77	57100	19.704	ug/l	100
27) cis-1,2-Dichloroethene	6.79	96	41260	19.086	ug/l	98
28) Bromochloromethane	7.15	49	39764	20.624	ug/l	97
29) Tetrahydrofuran	7.17	42	70434	89.330	ug/l	99
30) Chloroform	7.33	83	73029	19.678	ug/l	97
31) Cyclohexane	7.62	56	64594	19.046	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	60049	19.820	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48073	18.325	ug/l	99
37) Ethyl Acetate	6.89	43	42619	17.338	ug/l	99
38) Carbon Tetrachloride	7.73	117	50070	18.906	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57778	17.366	ug/l	96
40) Benzene	8.00	78	157989	18.989	ug/l	98
41) Methacrylonitrile	7.12	41	20764	17.730	ug/l	96
42) 1,2-Dichloroethane	8.09	62	53254	19.062	ug/l	99
43) Isopropyl Acetate	8.13	43	72940	17.911	ug/l	99
44) Trichloroethene	8.80	130	40152	19.401	ug/l	98
45) 1,2-Dichloropropane	9.09	63	46371	19.281	ug/l	98
46) Dibromomethane	9.18	93	26642	19.176	ug/l	99
47) Bromodichloromethane	9.37	83	59626	19.594	ug/l	98
48) Methyl methacrylate	9.17	41	34222	17.761	ug/l	98
49) 1,4-Dioxane	9.17	88	11624	285.253	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	232403	90.288	ug/l	100
52) Toluene	10.12	92	97691	19.464	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61588	19.571	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	68131	19.736	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	41634	19.400	ug/l	98
56) Ethyl methacrylate	10.40	69	54954	17.743	ug/l	98
57) 1,3-Dichloropropane	10.68	76	67137	18.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	127868	163.135	ug/l	100
59) 2-Hexanone	10.72	43	160759	89.537	ug/l	98
60) Dibromochloromethane	10.87	129	44962	18.931	ug/l	99
61) 1,2-Dibromoethane	10.98	107	39432	19.122	ug/l	99
64) Tetrachloroethene	10.60	164	41597	22.949	ug/l	100
65) Chlorobenzene	11.41	112	107624	19.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42498	19.730	ug/l	99
67) Ethyl Benzene	11.48	91	183897	19.653	ug/l	100
68) m/p-Xylenes	11.60	106	138753	39.897	ug/l	99
69) o-Xylene	11.92	106	66561	19.930	ug/l	99
70) Styrene	11.94	104	119644	19.282	ug/l	99
71) Bromoform	12.10	173	32559	18.990	ug/l #	98
73) Isopropylbenzene	12.22	105	180157	19.418	ug/l	100
74) N-amyl acetate	12.05	43	64720	19.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	56877	17.917	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	48345m	18.358	ug/l	
77) Bromobenzene	12.50	156	49363	19.345	ug/l	99
78) n-propylbenzene	12.57	91	211420	19.992	ug/l	100
79) 2-Chlorotoluene	12.65	91	128608	19.335	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	157742	20.567	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18428	19.219	ug/l	99
82) 4-Chlorotoluene	12.75	91	135960	20.074	ug/l	100
83) tert-Butylbenzene	12.97	119	131922	19.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	155950	20.872	ug/l	100
85) sec-Butylbenzene	13.15	105	174813	19.540	ug/l	99
86) p-Isopropyltoluene	13.26	119	157856	20.250	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	87469	19.946	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	89875	20.192	ug/l	99
89) n-Butylbenzene	13.59	91	136791	20.260	ug/l	99
90) Hexachloroethane	13.85	117	27788	16.772	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	88343	20.855	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9841	21.061	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	55632	26.084	ug/l	98
94) Hexachlorobutadiene	14.99	225	25919	16.559	ug/l	98
95) Naphthalene	15.10	128	138633	28.394	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	53877	25.516	ug/l	98

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

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