

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061841.D
 Acq On : 17 Jun 2020 12:11
 Operator : JC/MD
 Sample : VN0617WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:38:08 AM

Quant Time: Jun 18 04:26:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	172204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294451	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111974	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.54	113	94956	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.06	98	369853	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.37	95	123200	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45496	20.478	ug/l	97
3) Chloromethane	2.03	50	45848	19.181	ug/l	98
4) Vinyl Chloride	2.16	62	57119	20.045	ug/l	98
5) Bromomethane	2.53	94	40409	18.467	ug/l	97
6) Chloroethane	2.67	64	37298	19.340	ug/l	98
7) Trichlorofluoromethane	2.98	101	62907	18.482	ug/l	97
8) Diethyl Ether	3.37	74	21885	19.126	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34672	19.856	ug/l	99
10) Methyl Iodide	3.91	142	37912	21.394	ug/l	99
11) Tert butyl alcohol	4.73	59	30054	94.039	ug/l	99
12) 1,1-Dichloroethene	3.69	96	34552	19.748	ug/l	96
13) Acrolein	3.56	56	15231	79.739	ug/l	98
14) Allyl chloride	4.27	41	44475	19.152	ug/l	100
15) Acrylonitrile	4.92	53	74868	94.543	ug/l	99
16) Acetone	3.77	43	67466	98.897	ug/l	97
17) Carbon Disulfide	4.01	76	99009	19.339	ug/l	99
18) Methyl Acetate	4.27	43	36098	18.380	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	110909	19.038	ug/l	96
20) Methylene Chloride	4.50	84	40031	18.011	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	39028	19.420	ug/l	92
22) Diisopropyl ether	5.90	45	99675	18.768	ug/l	98
23) Vinyl Acetate	5.84	43	390477	93.480	ug/l	99
24) 1,1-Dichloroethane	5.80	63	63944	18.392	ug/l	99
25) 2-Butanone	6.78	43	94070	94.513	ug/l	98
26) 2,2-Dichloropropane	6.77	77	57749	19.743	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	43125	18.597	ug/l	98
28) Bromochloromethane	7.15	49	30569	19.748	ug/l	99
29) Tetrahydrofuran	7.17	42	59647	91.061	ug/l	99
30) Chloroform	7.33	83	68503	18.436	ug/l	99
31) Cyclohexane	7.61	56	56124	18.441	ug/l	# 96
32) 1,1,1-Trichloroethane	7.53	97	58908	18.616	ug/l	99
36) 1,1-Dichloropropene	7.75	75	51289	19.097	ug/l	98
37) Ethyl Acetate	6.88	43	41290	19.687	ug/l	96
38) Carbon Tetrachloride	7.73	117	50216	18.881	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58446	20.210	ug/l	98
40) Benzene	8.00	78	156002	19.175	ug/l	99
41) Methacrylonitrile	7.14	41	19316m	21.538	ug/l	
42) 1,2-Dichloroethane	8.09	62	53307	19.216	ug/l	100
43) Isopropyl Acetate	8.12	43	67438	19.080	ug/l #	91
44) Trichloroethene	8.80	130	41687	19.470	ug/l	98
45) 1,2-Dichloropropane	9.08	63	37695	18.854	ug/l	99
46) Dibromomethane	9.18	93	26908	19.112	ug/l	98
47) Bromodichloromethane	9.37	83	53905	18.698	ug/l	97
48) Methyl methacrylate	9.17	41	29294	18.225	ug/l	98
49) 1,4-Dioxane	9.17	88	14942	404.907	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	196470	94.067	ug/l	99
52) Toluene	10.12	92	100183	19.607	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	57752	18.870	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	65088	19.580	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	39070	19.435	ug/l	99
56) Ethyl methacrylate	10.40	69	51595	18.729	ug/l	99
57) 1,3-Dichloropropane	10.68	76	64277	18.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	104139	98.155	ug/l	100
59) 2-Hexanone	10.72	43	141792	93.825	ug/l	99
60) Dibromochloromethane	10.87	129	42450	18.924	ug/l	99
61) 1,2-Dibromoethane	10.98	107	39811	18.965	ug/l	98
64) Tetrachloroethene	10.60	164	35858	20.795	ug/l	99
65) Chlorobenzene	11.40	112	108968	19.088	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	39737	19.958	ug/l	98
67) Ethyl Benzene	11.48	91	185024	19.330	ug/l	99
68) m/p-Xylenes	11.59	106	144952	39.274	ug/l	100
69) o-Xylene	11.92	106	68482	19.446	ug/l	99
70) Styrene	11.94	104	112941	19.154	ug/l	100
71) Bromoform	12.10	173	27590	19.005	ug/l #	98
73) Isopropylbenzene	12.22	105	177942	19.589	ug/l	98
74) N-amyl acetate	12.05	43	56127	19.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	54414	18.425	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	45110m	17.975	ug/l	
77) Bromobenzene	12.50	156	44900	19.593	ug/l	96
78) n-propylbenzene	12.56	91	200698	19.364	ug/l	99
79) 2-Chlorotoluene	12.65	91	119237	19.155	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	147526	19.631	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17346	18.852	ug/l	99
82) 4-Chlorotoluene	12.75	91	124607	19.372	ug/l	99
83) tert-Butylbenzene	12.97	119	123391	19.368	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	148760	20.053	ug/l	100
85) sec-Butylbenzene	13.15	105	165314	19.824	ug/l	100
86) p-Isopropyltoluene	13.26	119	151150	20.341	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79123	18.930	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	78543	18.358	ug/l	99
89) n-Butylbenzene	13.59	91	121859	19.637	ug/l	98
90) Hexachloroethane	13.85	117	26004	19.118	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	77220	19.191	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8785	18.323	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	36648	19.301	ug/l	99
94) Hexachlorobutadiene	14.98	225	15298	20.457	ug/l	96
95) Naphthalene	15.10	128	102349	18.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	36454	19.386	ug/l	99

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

