

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN061995.D
 Acq On : 22 Jun 2020 13:25
 Operator : JC/MD
 Sample : VN0622WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:54 PM

Quant Time: Jun 23 05:32:53 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	7.63	168	170325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	295636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	276491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127416	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	116798	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
35) Dibromofluoromethane	7.55	113	96516	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	369849	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.37	95	121392	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41289	18.814	ug/l	99
3) Chloromethane	2.03	50	43626	18.453	ug/l	99
4) Vinyl Chloride	2.16	62	53675	19.044	ug/l	99
5) Bromomethane	2.53	94	36843	17.023	ug/l	99
6) Chloroethane	2.67	64	37033	19.415	ug/l	98
7) Trichlorofluoromethane	2.98	101	65851	19.560	ug/l	99
8) Diethyl Ether	3.37	74	23393	20.669	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34686	20.083	ug/l	99
10) Methyl Iodide	3.91	142	39095	22.079	ug/l #	94
11) Tert butyl alcohol	4.73	59	34446	108.971	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	34170	19.745	ug/l	90
13) Acrolein	3.57	56	18847	99.759	ug/l	94
14) Allyl chloride	4.27	41	44008	19.160	ug/l	96
15) Acrylonitrile	4.93	53	88142	112.534	ug/l	99
16) Acetone	3.77	43	72279	107.121	ug/l	98
17) Carbon Disulfide	4.01	76	79638	15.727	ug/l	99
18) Methyl Acetate	4.28	43	44261	22.784	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	118216	20.516	ug/l	98
20) Methylene Chloride	4.50	84	42181	19.188	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	37415	18.823	ug/l	97
22) Diisopropyl ether	5.90	45	110386	21.014	ug/l	97
23) Vinyl Acetate	5.84	43	429888	104.050	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70142	20.398	ug/l	100
25) 2-Butanone	6.78	43	109692	111.424	ug/l	99
26) 2,2-Dichloropropane	6.78	77	59295	20.495	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	44980	19.611	ug/l	97
28) Bromochloromethane	7.15	49	33658	21.983	ug/l	92
29) Tetrahydrofuran	7.17	42	72487	111.884	ug/l	96
30) Chloroform	7.33	83	73818	20.086	ug/l	96
31) Cyclohexane	7.62	56	52517	17.446	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	62334	19.916	ug/l	98
36) 1,1-Dichloropropene	7.75	75	51309	19.028	ug/l	99
37) Ethyl Acetate	6.88	43	45244	21.486	ug/l	100
38) Carbon Tetrachloride	7.73	117	52246	19.565	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51258	17.653	ug/l	98
40) Benzene	8.00	78	163374	20.001	ug/l	98
41) Methacrylonitrile	7.13	41	17439	19.367	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	56660	20.343	ug/l	98
43) Isopropyl Acetate	8.12	43	75489	21.273	ug/l	100
44) Trichloroethene	8.80	130	41494	19.302	ug/l	99
45) 1,2-Dichloropropane	9.09	63	43129	21.485	ug/l	98
46) Dibromomethane	9.18	93	28803	20.376	ug/l	98
47) Bromodichloromethane	9.37	83	58373	20.167	ug/l	100
48) Methyl methacrylate	9.17	41	33472	20.741	ug/l	98
49) 1,4-Dioxane	9.17	88	15416	416.077	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	231130	110.218	ug/l	99
52) Toluene	10.12	92	103214	20.120	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61796	20.111	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	68376	20.487	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	43326	21.466	ug/l	97
56) Ethyl methacrylate	10.40	69	55156	19.754	ug/l	97
57) 1,3-Dichloropropane	10.68	76	71823	21.004	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	106579	100.052	ug/l	98
59) 2-Hexanone	10.72	43	166104	107.237	ug/l	98
60) Dibromochloromethane	10.87	129	46187	20.507	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42768	20.292	ug/l	98
64) Tetrachloroethene	10.60	164	35498	20.143	ug/l	96
65) Chlorobenzene	11.41	112	113451	19.446	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40414	19.862	ug/l	97
67) Ethyl Benzene	11.48	91	192311	19.660	ug/l	99
68) m/p-Xylenes	11.60	106	150604	39.928	ug/l	99
69) o-Xylene	11.92	106	71160	19.773	ug/l	99
70) Styrene	11.94	104	118649	19.689	ug/l	99
71) Bromoform	12.10	173	30279	20.409	ug/l #	98
73) Isopropylbenzene	12.22	105	185781	20.518	ug/l	99
74) N-amyl acetate	12.05	43	59949	20.227	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	62526	21.240	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	55780m	22.299	ug/l	
77) Bromobenzene	12.50	156	46845	20.507	ug/l	98
78) n-propylbenzene	12.57	91	211895	20.510	ug/l	99
79) 2-Chlorotoluene	12.65	91	127253	20.508	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	153189	20.450	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18864	20.568	ug/l	95
82) 4-Chlorotoluene	12.75	91	130958	20.425	ug/l	97
83) tert-Butylbenzene	12.97	119	128546	20.242	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	154901	20.948	ug/l	100
85) sec-Butylbenzene	13.15	105	172108	20.706	ug/l	99
86) p-Isopropyltoluene	13.26	119	152569	20.599	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	83238	19.979	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	82675	19.386	ug/l	99
89) n-Butylbenzene	13.59	91	119099	19.254	ug/l	99
90) Hexachloroethane	13.85	117	28557	21.062	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	81168	20.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10296	21.544	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33927	17.926	ug/l	98
94) Hexachlorobutadiene	14.98	225	15199	20.390	ug/l	97
95) Naphthalene	15.10	128	98226	17.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	34255	18.275	ug/l	98

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

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