

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062131.D
 Acq On : 26 Jun 2020 11:42
 Operator : JC/MD
 Sample : VN0626WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:29 PM

Quant Time: Jun 27 04:09:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	430521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	161977	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	7.55	113	135624	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	10.06	98	519028	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.37	95	171020	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50388	18.092	ug/l	97
3) Chloromethane	2.03	50	63622	18.562	ug/l	99
4) Vinyl Chloride	2.16	62	78033	17.791	ug/l	96
5) Bromomethane	2.53	94	55060	19.423	ug/l	99
6) Chloroethane	2.67	64	54586	18.218	ug/l	100
7) Trichlorofluoromethane	2.98	101	100319	18.562	ug/l	99
8) Diethyl Ether	3.38	74	36809	19.505	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53270	18.822	ug/l	96
10) Methyl Iodide	3.91	142	63630	19.963	ug/l	98
11) Tert butyl alcohol	4.73	59	46443	93.546	ug/l	99
12) 1,1-Dichloroethene	3.70	96	54051	19.104	ug/l	98
13) Acrolein	3.57	56	32125	66.090	ug/l	100
14) Allyl chloride	4.27	41	72274	18.762	ug/l	99
15) Acrylonitrile	4.93	53	126312	93.363	ug/l	98
16) Acetone	3.78	43	104064	93.340	ug/l	97
17) Carbon Disulfide	4.01	76	142166	17.576	ug/l	99
18) Methyl Acetate	4.28	43	50211	18.267	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	176710	19.546	ug/l	99
20) Methylene Chloride	4.50	84	62164	19.451	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	59221	18.374	ug/l	93
22) Diisopropyl ether	5.90	45	163161	18.603	ug/l	93
23) Vinyl Acetate	5.84	43	657236	91.782	ug/l	99
24) 1,1-Dichloroethane	5.80	63	103018	18.240	ug/l	99
25) 2-Butanone	6.79	43	153628	90.895	ug/l	98
26) 2,2-Dichloropropane	6.77	77	89483	19.013	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	68405	18.861	ug/l	95
28) Bromochloromethane	7.15	49	42060	17.164	ug/l	95
29) Tetrahydrofuran	7.17	42	103741	93.702	ug/l	98
30) Chloroform	7.33	83	106734	18.574	ug/l	99
31) Cyclohexane	7.61	56	87150	18.242	ug/l	89
32) 1,1,1-Trichloroethane	7.53	97	92872	19.165	ug/l	98
36) 1,1-Dichloropropene	7.75	75	78442	18.127	ug/l	98
37) Ethyl Acetate	6.88	43	66521	18.564	ug/l #	91
38) Carbon Tetrachloride	7.73	117	78835	19.323	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85590	18.051	ug/l	98
40) Benzene	8.00	78	238827	18.107	ug/l	100
41) Methacrylonitrile	7.12	41	24858	14.964	ug/l #	83
42) 1,2-Dichloroethane	8.09	62	81116	18.203	ug/l	98
43) Isopropyl Acetate	8.13	43	108831	18.631	ug/l	99
44) Trichloroethene	8.80	130	62697	18.844	ug/l	98
45) 1,2-Dichloropropane	9.09	63	60107	18.472	ug/l	99
46) Dibromomethane	9.18	93	41807	18.950	ug/l	97
47) Bromodichloromethane	9.37	83	84130	18.886	ug/l	99
48) Methyl methacrylate	9.17	41	47333	18.072	ug/l	99
49) 1,4-Dioxane	9.17	88	21742	374.333	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	322158	94.395	ug/l	98
52) Toluene	10.12	92	156707	19.472	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	91010	18.570	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	99396	19.050	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	61525	19.448	ug/l	99
56) Ethyl methacrylate	10.40	69	80791	19.137	ug/l	96
57) 1,3-Dichloropropane	10.68	76	102148	18.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	137397	87.619	ug/l	97
59) 2-Hexanone	10.72	43	229878	93.279	ug/l	97
60) Dibromochloromethane	10.87	129	64325	19.206	ug/l	99
61) 1,2-Dibromoethane	10.98	107	61850	19.028	ug/l	98
64) Tetrachloroethene	10.60	164	53801	20.164	ug/l	98
65) Chlorobenzene	11.41	112	164594	19.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	60114	20.267	ug/l	99
67) Ethyl Benzene	11.48	91	283391	19.562	ug/l	96
68) m/p-Xylenes	11.59	106	224171	40.007	ug/l	96
69) o-Xylene	11.92	106	106778	20.197	ug/l	98
70) Styrene	11.94	104	169182	19.188	ug/l	99
71) Bromoform	12.10	173	41759	19.801	ug/l #	98
73) Isopropylbenzene	12.22	105	276115	20.311	ug/l	98
74) N-amyl acetate	12.05	43	85556	19.296	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	85514	18.903	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	78427m	18.970	ug/l	
77) Bromobenzene	12.50	156	67382	19.965	ug/l	97
78) n-propylbenzene	12.56	91	307596	19.781	ug/l	99
79) 2-Chlorotoluene	12.65	91	185033	19.683	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	222465	20.187	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27525	19.443	ug/l	98
82) 4-Chlorotoluene	12.75	91	186826	19.218	ug/l	100
83) tert-Butylbenzene	12.97	119	189512	20.094	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	223496	20.306	ug/l	98
85) sec-Butylbenzene	13.15	105	252706	20.278	ug/l	98
86) p-Isopropyltoluene	13.26	119	222662	20.393	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	116510	19.659	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	114323	18.713	ug/l	99
89) n-Butylbenzene	13.59	91	168886	18.605	ug/l	98
90) Hexachloroethane	13.85	117	41620	19.429	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	113870	19.814	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	13980	19.291	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47438	18.895	ug/l	98
94) Hexachlorobutadiene	14.98	225	22254	20.408	ug/l	97
95) Naphthalene	15.10	128	139201	19.295	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	49687	19.355	ug/l	99

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

