

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062001.D
 Acq On : 22 Jun 2020 15:54
 Operator : JC/MD
 Sample : VN0622WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:50 PM

Quant Time: Jun 23 05:49:56 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	156255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	277446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	260768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122182	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	111566	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
35) Dibromofluoromethane	7.55	113	92394	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
50) Toluene-d8	10.06	98	355493	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.38	95	120962	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	39320	19.519	ug/l	100
3) Chloromethane	2.03	50	42270	19.489	ug/l	98
4) Vinyl Chloride	2.16	62	51534	19.931	ug/l	98
5) Bromomethane	2.53	94	36683	18.475	ug/l	97
6) Chloroethane	2.67	64	35072	20.042	ug/l	99
7) Trichlorofluoromethane	2.98	101	64209	20.790	ug/l	95
8) Diethyl Ether	3.37	74	22693	21.856	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35045	22.118	ug/l	96
10) Methyl Iodide	3.91	142	38477	23.299	ug/l	100
11) Tert butyl alcohol	4.73	59	33626	115.956	ug/l	100
12) 1,1-Dichloroethene	3.70	96	32374	20.391	ug/l	98
13) Acrolein	3.57	56	18224	105.147	ug/l	96
14) Allyl chloride	4.28	41	45340	21.518	ug/l	98
15) Acrylonitrile	4.93	53	86824	120.833	ug/l	99
16) Acetone	3.78	43	72649	117.364	ug/l	96
17) Carbon Disulfide	4.00	76	76828	16.539	ug/l	100
18) Methyl Acetate	4.28	43	42439	23.814	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	118072	22.336	ug/l	98
20) Methylene Chloride	4.50	84	40897	20.279	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	36314	19.914	ug/l	99
22) Diisopropyl ether	5.90	45	108841	22.585	ug/l	97
23) Vinyl Acetate	5.84	43	419329	110.634	ug/l	98
24) 1,1-Dichloroethane	5.80	63	68697	21.776	ug/l	97
25) 2-Butanone	6.79	43	106155	117.541	ug/l	97
26) 2,2-Dichloropropane	6.78	77	57428	21.637	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	43906	20.867	ug/l	98
28) Bromochloromethane	7.15	49	32911	23.431	ug/l	94
29) Tetrahydrofuran	7.17	42	71059	119.556	ug/l	96
30) Chloroform	7.33	83	71571	21.228	ug/l	97
31) Cyclohexane	7.62	56	50867	18.419	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	60149	20.948	ug/l	98
36) 1,1-Dichloropropene	7.75	75	48130	19.019	ug/l	97
37) Ethyl Acetate	6.89	43	46031	23.293	ug/l	98
38) Carbon Tetrachloride	7.73	117	50165	20.018	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50446	18.513	ug/l	98
40) Benzene	8.00	78	156599	20.428	ug/l	100
41) Methacrylonitrile	7.14	41	20998m	24.849	ug/l	
42) 1,2-Dichloroethane	8.09	62	55916	21.392	ug/l	98
43) Isopropyl Acetate	8.13	43	72982	21.914	ug/l #	90
44) Trichloroethene	8.80	130	40597	20.123	ug/l	100
45) 1,2-Dichloropropane	9.09	63	39571	21.005	ug/l	100
46) Dibromomethane	9.18	93	28471	21.462	ug/l	96
47) Bromodichloromethane	9.37	83	57586	21.199	ug/l	99
48) Methyl methacrylate	9.17	41	32579	21.511	ug/l	97
49) 1,4-Dioxane	9.17	88	15131	435.160	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	227607	115.654	ug/l	100
52) Toluene	10.12	92	100833	20.944	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61321	21.265	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	65514	20.917	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	42290	22.326	ug/l	97
56) Ethyl methacrylate	10.40	69	54039	20.495	ug/l	96
57) 1,3-Dichloropropane	10.68	76	71347	22.233	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	103168	103.199	ug/l	98
59) 2-Hexanone	10.72	43	161623	110.691	ug/l	99
60) Dibromochloromethane	10.87	129	44808	21.199	ug/l	100
61) 1,2-Dibromoethane	10.98	107	41155	20.807	ug/l	99
64) Tetrachloroethene	10.60	164	34759	20.913	ug/l	94
65) Chlorobenzene	11.41	112	110419	20.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	40063	20.877	ug/l	98
67) Ethyl Benzene	11.48	91	186277	20.191	ug/l	99
68) m/p-Xylenes	11.59	106	144134	40.517	ug/l	99
69) o-Xylene	11.92	106	69630	20.514	ug/l	100
70) Styrene	11.94	104	115957	20.403	ug/l	99
71) Bromoform	12.10	173	29273	20.920	ug/l #	99
73) Isopropylbenzene	12.22	105	183264	21.108	ug/l	99
74) N-amyl acetate	12.04	43	60409	21.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	62187	22.030	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	50710m	21.140	ug/l	
77) Bromobenzene	12.50	156	46223	21.102	ug/l	99
78) n-propylbenzene	12.56	91	202441	20.434	ug/l	99
79) 2-Chlorotoluene	12.65	91	124414	20.910	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	149905	20.869	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	19003	21.607	ug/l	95
82) 4-Chlorotoluene	12.75	91	130351	21.201	ug/l	97
83) tert-Butylbenzene	12.97	119	125080	20.540	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	151370	21.348	ug/l	100
85) sec-Butylbenzene	13.15	105	167040	20.957	ug/l	99
86) p-Isopropyltoluene	13.26	119	147828	20.814	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	80271	20.092	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80091	19.585	ug/l	97
89) n-Butylbenzene	13.59	91	111941	18.872	ug/l	100
90) Hexachloroethane	13.85	117	26895	20.686	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	79402	20.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10237	22.338	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	32990	18.178	ug/l	98
94) Hexachlorobutadiene	14.99	225	15621	21.854	ug/l	99
95) Naphthalene	15.10	128	94729	17.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	34493	19.191	ug/l	98

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

