

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062320\
 Data File : VN062045.D
 Acq On : 23 Jun 2020 16:36
 Operator : JC/MD
 Sample : VN0623WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0623WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:59:14 AM

Quant Time: Jun 24 01:51:43 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	155489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118129	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109144	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	7.55	113	88884	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.06	98	338750	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.37	95	118552	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38068	18.998	ug/l	98
3) Chloromethane	2.03	50	38202	17.700	ug/l	100
4) Vinyl Chloride	2.16	62	46713	18.156	ug/l	97
5) Bromomethane	2.53	94	31099	15.740	ug/l	99
6) Chloroethane	2.67	64	33155	19.040	ug/l	100
7) Trichlorofluoromethane	2.98	101	66283	21.567	ug/l	97
8) Diethyl Ether	3.37	74	23096	22.354	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	33175	21.041	ug/l	99
10) Methyl Iodide	3.90	142	31567	20.143	ug/l	98
11) Tert butyl alcohol	4.73	59	33613	116.482	ug/l #	90
12) 1,1-Dichloroethene	3.69	96	30898	19.558	ug/l	98
13) Acrolein	3.57	56	11041	64.017	ug/l	99
14) Allyl chloride	4.27	41	44900	21.414	ug/l	98
15) Acrylonitrile	4.93	53	84945	118.800	ug/l	97
16) Acetone	3.77	43	69746	113.229	ug/l	99
17) Carbon Disulfide	4.01	76	71695	15.510	ug/l	97
18) Methyl Acetate	4.28	43	42462	23.944	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	117049	22.252	ug/l	99
20) Methylene Chloride	4.50	84	40299	20.081	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	34375	18.943	ug/l	97
22) Diisopropyl ether	5.90	45	108808	22.690	ug/l	99
23) Vinyl Acetate	5.84	43	423117	112.183	ug/l	97
24) 1,1-Dichloroethane	5.80	63	67441	21.484	ug/l	96
25) 2-Butanone	6.78	43	105983	117.929	ug/l	99
26) 2,2-Dichloropropane	6.77	77	56051	21.223	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	42859	20.469	ug/l	96
28) Bromochloromethane	7.15	49	28426	20.337	ug/l	94
29) Tetrahydrofuran	7.17	42	69551	117.595	ug/l	97
30) Chloroform	7.33	83	69345	20.669	ug/l	96
31) Cyclohexane	7.61	56	50748	18.467	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	57494	20.122	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48137	19.462	ug/l	98
37) Ethyl Acetate	6.88	43	45980	23.806	ug/l	98
38) Carbon Tetrachloride	7.73	117	46998	19.188	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49650	18.643	ug/l	97
40) Benzene	8.00	78	153017	20.423	ug/l	98
41) Methacrylonitrile	7.13	41	18396m	22.274	ug/l	
42) 1,2-Dichloroethane	8.08	62	55838	21.857	ug/l	97
43) Isopropyl Acetate	8.12	43	76192	23.408	ug/l #	91
44) Trichloroethene	8.80	130	38166	19.356	ug/l	99
45) 1,2-Dichloropropane	9.08	63	40663	22.085	ug/l	98
46) Dibromomethane	9.17	93	27436	21.160	ug/l	98
47) Bromodichloromethane	9.37	83	57293	21.580	ug/l	99
48) Methyl methacrylate	9.17	41	32882	22.214	ug/l	98
49) 1,4-Dioxane	9.16	88	14327	421.580	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	226384	117.697	ug/l	99
52) Toluene	10.12	92	95687	20.336	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	61179	21.707	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	65266	21.320	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41451	22.390	ug/l	99
56) Ethyl methacrylate	10.40	69	54239	20.969	ug/l	98
57) 1,3-Dichloropropane	10.68	76	70233	22.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	101642	104.027	ug/l	96
59) 2-Hexanone	10.72	43	160127	112.023	ug/l	99
60) Dibromochloromethane	10.87	129	43135	20.881	ug/l	99
61) 1,2-Dibromoethane	10.98	107	41027	21.223	ug/l	99
64) Tetrachloroethene	10.60	164	31703	19.424	ug/l	96
65) Chlorobenzene	11.40	112	105681	19.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38714	20.543	ug/l	98
67) Ethyl Benzene	11.48	91	182096	20.100	ug/l	100
68) m/p-Xylenes	11.59	106	139606	39.964	ug/l	97
69) o-Xylene	11.92	106	67239	20.173	ug/l	99
70) Styrene	11.94	104	112512	20.160	ug/l	100
71) Bromoform	12.10	173	27964	20.351	ug/l #	99
73) Isopropylbenzene	12.22	105	177075	21.094	ug/l	99
74) N-amyl acetate	12.04	43	60979	21.894	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	60405	22.133	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	50174m	21.634	ug/l	
77) Bromobenzene	12.50	156	43512	20.546	ug/l	97
78) n-propylbenzene	12.56	91	201539	21.041	ug/l	100
79) 2-Chlorotoluene	12.65	91	121913	21.192	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	146174	21.048	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18127	21.318	ug/l	97
82) 4-Chlorotoluene	12.75	91	123075	20.705	ug/l	99
83) tert-Butylbenzene	12.97	119	125226	21.269	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	145364	21.204	ug/l	99
85) sec-Butylbenzene	13.15	105	164772	21.382	ug/l	98
86) p-Isopropyltoluene	13.26	119	146163	21.285	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	76588	19.828	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	75901	19.197	ug/l	97
89) n-Butylbenzene	13.59	91	115495	20.139	ug/l	98
90) Hexachloroethane	13.85	117	26595	21.158	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	76403	20.547	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9861	22.256	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	33522	19.104	ug/l	100
94) Hexachlorobutadiene	14.98	225	14673	21.232	ug/l	98
95) Naphthalene	15.10	128	96464	18.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	34185	19.672	ug/l	99

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

