

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061842.D
 Acq On : 17 Jun 2020 12:40
 Operator : JC/MD
 Sample : VN0617WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:38:12 AM

Quant Time: Jun 18 04:31:45 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	160387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	271000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	96940	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
35) Dibromofluoromethane	7.55	113	83526	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.06	98	318558	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
62) 4-Bromofluorobenzene	12.37	95	107591	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	40155	19.421	ug/l	98
3) Chloromethane	2.03	50	40912	18.377	ug/l	97
4) Vinyl Chloride	2.16	62	49139	18.515	ug/l	99
5) Bromomethane	2.54	94	35539	17.438	ug/l	99
6) Chloroethane	2.67	64	32020	17.827	ug/l	99
7) Trichlorofluoromethane	2.98	101	57243	18.057	ug/l	99
8) Diethyl Ether	3.37	74	20534	19.267	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30530	18.772	ug/l	99
10) Methyl Iodide	3.91	142	33943	20.772	ug/l	99
11) Tert butyl alcohol	4.73	59	26453	88.870	ug/l	99
12) 1,1-Dichloroethene	3.69	96	29831	18.306	ug/l	94
13) Acrolein	3.57	56	14126	79.403	ug/l	95
14) Allyl chloride	4.27	41	39446	18.238	ug/l	99
15) Acrylonitrile	4.93	53	68991	93.541	ug/l	100
16) Acetone	3.77	43	57735	90.868	ug/l	98
17) Carbon Disulfide	4.01	76	87253	18.299	ug/l	100
18) Methyl Acetate	4.28	43	32119	17.559	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	100806	18.579	ug/l	100
20) Methylene Chloride	4.50	84	35726	17.259	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	33872	18.096	ug/l	96
22) Diisopropyl ether	5.90	45	89062	18.005	ug/l	95
23) Vinyl Acetate	5.84	43	355186	91.296	ug/l	99
24) 1,1-Dichloroethane	5.80	63	57823	17.857	ug/l	98
25) 2-Butanone	6.78	43	83065	89.605	ug/l	99
26) 2,2-Dichloropropane	6.77	77	49363	18.120	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38812	17.970	ug/l	100
28) Bromochloromethane	7.15	49	27661	19.186	ug/l	97
29) Tetrahydrofuran	7.17	42	54927	90.033	ug/l	99
30) Chloroform	7.33	83	61283	17.709	ug/l	99
31) Cyclohexane	7.61	56	49736	17.546	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	51634	17.520	ug/l	99
36) 1,1-Dichloropropene	7.75	75	44963	18.190	ug/l	99
37) Ethyl Acetate	6.88	43	38690	20.044	ug/l	99
38) Carbon Tetrachloride	7.73	117	43943	17.952	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	51727	19.434	ug/l	97
40) Benzene	8.00	78	138641	18.516	ug/l	96
41) Methacrylonitrile	7.12	41	14795	17.925	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	48531	19.009	ug/l	99
43) Isopropyl Acetate	8.12	43	59810	18.386	ug/l #	91
44) Trichloroethene	8.80	130	36762	18.655	ug/l	97
45) 1,2-Dichloropropane	9.08	63	34301	18.641	ug/l	99
46) Dibromomethane	9.17	93	23819	18.382	ug/l	97
47) Bromodichloromethane	9.37	83	48967	18.455	ug/l	98
48) Methyl methacrylate	9.17	41	26293	17.774	ug/l	99
49) 1,4-Dioxane	9.16	88	13025	383.502	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	178650	92.937	ug/l	100
52) Toluene	10.12	92	87407	18.587	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	53062	18.838	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	57595	18.826	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	35890	19.398	ug/l	98
56) Ethyl methacrylate	10.40	69	45800	18.168	ug/l	99
57) 1,3-Dichloropropane	10.68	76	59160	18.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	92002	94.219	ug/l	100
59) 2-Hexanone	10.72	43	125425	90.699	ug/l	100
60) Dibromochloromethane	10.87	129	37958	18.386	ug/l	100
61) 1,2-Dibromoethane	10.98	107	35829	18.545	ug/l	99
64) Tetrachloroethene	10.60	164	30839	19.239	ug/l	99
65) Chlorobenzene	11.40	112	95353	17.969	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	34370	18.571	ug/l	100
67) Ethyl Benzene	11.48	91	161491	18.151	ug/l	98
68) m/p-Xylenes	11.59	106	128196	37.366	ug/l	99
69) o-Xylene	11.92	106	60840	18.586	ug/l	99
70) Styrene	11.94	104	100203	18.281	ug/l	99
71) Bromoform	12.10	173	24363	18.054	ug/l #	99
73) Isopropylbenzene	12.22	105	158391	18.770	ug/l	100
74) N-amyl acetate	12.05	43	48586	17.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	49605	18.080	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	43060m	18.470	ug/l	
77) Bromobenzene	12.50	156	39926	18.754	ug/l	98
78) n-propylbenzene	12.56	91	178630	18.551	ug/l	98
79) 2-Chlorotoluene	12.65	91	106108	18.348	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	130011	18.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14727	17.229	ug/l	96
82) 4-Chlorotoluene	12.75	91	111094	18.591	ug/l	98
83) tert-Butylbenzene	12.97	119	109522	18.504	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	131495	19.080	ug/l	99
85) sec-Butylbenzene	13.15	105	143179	18.482	ug/l	99
86) p-Isopropyltoluene	13.26	119	132718	19.226	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	70519	18.161	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	70655	17.777	ug/l	100
89) n-Butylbenzene	13.59	91	106231	18.427	ug/l	98
90) Hexachloroethane	13.85	117	22323	17.666	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	69392	18.563	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8411	18.884	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	32468	18.407	ug/l	99
94) Hexachlorobutadiene	14.99	225	13224	19.035	ug/l	97
95) Naphthalene	15.10	128	93907	18.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	33384	19.110	ug/l	96

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

