

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060495.D
 Acq On : 13 Mar 2020 12:25
 Operator : JC/MD
 Sample : VN0313WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0313WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:04:49 PM

Quant Time: Mar 16 08:31:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	123538	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	7.57	113	91084	61.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.68%	
50) Toluene-d8	10.08	98	356862	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.40	95	133330	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	26879	15.460	ug/l 99
3) Chloromethane	2.04	50	51994	17.176	ug/l 99
4) Vinyl Chloride	2.16	62	42592	16.407	ug/l 100
5) Bromomethane	2.55	94	18783	16.358	ug/l 98
6) Chloroethane	2.68	64	25057	17.814	ug/l 96
7) Trichlorofluoromethane	3.00	101	57951	17.472	ug/l 99
8) Diethyl Ether	3.38	74	23603	18.847	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34818	18.549	ug/l 99
10) Methyl Iodide	3.93	142	24483	14.291	ug/l 99
11) Tert butyl alcohol	4.73	59	34868	96.514	ug/l 100
12) 1,1-Dichloroethene	3.71	96	33781	18.493	ug/l 97
13) Acrolein	3.58	56	33562	99.580	ug/l 97
14) Allyl chloride	4.29	41	62276	18.539	ug/l 98
15) Acrylonitrile	4.94	53	102993	108.158	ug/l 99
16) Acetone	3.78	43	86091	109.572	ug/l 99
17) Carbon Disulfide	4.03	76	80076	16.085	ug/l 99
18) Methyl Acetate	4.29	43	55119	21.022	ug/l 97
19) Methyl tert-butyl Ether	5.00	73	130846	19.781	ug/l 98
20) Methylene Chloride	4.52	84	40355	18.702	ug/l 99
21) trans-1,2-Dichloroethene	5.01	96	36063	18.152	ug/l 96
22) Diisopropyl ether	5.91	45	142318	20.916	ug/l 95
23) Vinyl Acetate	5.86	43	556703	102.963	ug/l 99
24) 1,1-Dichloroethane	5.82	63	77037	20.001	ug/l 100
25) 2-Butanone	6.80	43	139485	109.909	ug/l 98
26) 2,2-Dichloropropane	6.80	77	67045	19.121	ug/l 100
27) cis-1,2-Dichloroethene	6.80	96	44653	17.846	ug/l 96
28) Bromochloromethane	7.17	49	32466	20.530	ug/l 95
29) Tetrahydrofuran	7.18	42	94803	107.426	ug/l 97
30) Chloroform	7.35	83	74919	19.540	ug/l 97
31) Cyclohexane	7.63	56	66246	19.333	ug/l 97
32) 1,1,1-Trichloroethane	7.55	97	64274	18.920	ug/l 98
36) 1,1-Dichloropropene	7.77	75	53108	17.562	ug/l 100
37) Ethyl Acetate	6.90	43	60415	21.099	ug/l 99
38) Carbon Tetrachloride	7.75	117	51154	17.374	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	60119	16.861	ug/l	96
40) Benzene	8.02	78	164149	18.650	ug/l	99
41) Methacrylonitrile	7.15	41	29636m	22.415	ug/l	
42) 1,2-Dichloroethane	8.10	62	60422	19.023	ug/l	100
43) Isopropyl Acetate	8.14	43	103131	20.573	ug/l	99
44) Trichloroethene	8.82	130	43519	17.753	ug/l	100
45) 1,2-Dichloropropane	9.10	63	46553	20.229	ug/l	98
46) Dibromomethane	9.19	93	27887	18.676	ug/l	99
47) Bromodichloromethane	9.39	83	59069	19.450	ug/l	100
48) Methyl methacrylate	9.18	41	43184	18.891	ug/l	99
49) 1,4-Dioxane	9.18	88	10826	336.768	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	299186	105.264	ug/l	99
52) Toluene	10.14	92	100799	18.231	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	67049	18.018	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	73034	18.940	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	41923	18.855	ug/l	98
56) Ethyl methacrylate	10.42	69	61620	19.291	ug/l	96
57) 1,3-Dichloropropane	10.70	76	71210	19.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	152422	91.236	ug/l	98
59) 2-Hexanone	10.74	43	213691	102.399	ug/l	99
60) Dibromochloromethane	10.89	129	43919	19.423	ug/l	97
61) 1,2-Dibromoethane	11.00	107	41385	19.094	ug/l	98
64) Tetrachloroethene	10.62	164	42390	17.565	ug/l	98
65) Chlorobenzene	11.43	112	105678	17.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	41065	18.882	ug/l	99
67) Ethyl Benzene	11.51	91	196737	18.367	ug/l	100
68) m/p-Xylenes	11.62	106	143011	35.386	ug/l	97
69) o-Xylene	11.94	106	69903	18.138	ug/l	99
70) Styrene	11.96	104	114176	18.020	ug/l	100
71) Bromoform	12.12	173	30201	19.268	ug/l #	99
73) Isopropylbenzene	12.25	105	190104	18.543	ug/l	100
74) N-amyl acetate	12.07	43	87044	19.430	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	59463	21.337	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	55681m	18.348	ug/l	
77) Bromobenzene	12.52	156	46312	18.428	ug/l	97
78) n-propylbenzene	12.59	91	221610	18.441	ug/l	99
79) 2-Chlorotoluene	12.67	91	130099	18.417	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	159048	18.426	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	20793	18.914	ug/l #	84
82) 4-Chlorotoluene	12.77	91	136879	18.391	ug/l	98
83) tert-Butylbenzene	12.99	119	134096	17.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	160830	18.460	ug/l	100
85) sec-Butylbenzene	13.17	105	182744	18.260	ug/l	99
86) p-Isopropyltoluene	13.29	119	163253	17.625	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	81456	18.745	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	80615	18.558	ug/l	98
89) n-Butylbenzene	13.61	91	147660	17.366	ug/l	99
90) Hexachloroethane	13.87	117	22095	16.479	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	78821	17.899	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11794	18.688	ug/l	96

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93) 1,2,4-Trichlorobenzene	14.91	180	48203	17.285	ug/l	100
94) Hexachlorobutadiene	15.01	225	24034	18.323	ug/l	98
95) Naphthalene	15.13	128	144973	17.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47218	17.801	ug/l	100

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

