

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040519\
 Data File : VN054968.D
 Acq On : 5 Apr 2019 12:12
 Operator : JC/SP
 Sample : VN0405WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0405WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:34:08 AM

Quant Time: Apr 06 00:49:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	421422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	706734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	616679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	253754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	294418	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	7.59	113	239118	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
50) Toluene-d8	10.09	98	894815	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.40	95	288336	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	106369	21.108	ug/l	99
3) Chloromethane	2.06	50	135939	20.403	ug/l	100
4) Vinyl Chloride	2.19	62	117438	20.174	ug/l	99
5) Bromomethane	2.58	94	65446	19.695	ug/l	99
6) Chloroethane	2.71	64	63956	19.699	ug/l	99
7) Trichlorofluoromethane	3.02	101	144155	20.395	ug/l	98
8) Diethyl Ether	3.42	74	46383	20.605	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	75996	20.294	ug/l	99
10) Methyl Iodide	3.95	142	107009	20.272	ug/l #	96
11) Tert butyl alcohol	4.82	59	28865	100.671	ug/l	100
12) 1,1-Dichloroethene	3.73	96	73754	19.855	ug/l	94
13) Acrolein	3.61	56	40484	95.787	ug/l	100
14) Allyl chloride	4.32	41	170851	20.723	ug/l	99
15) Acrylonitrile	5.00	53	174033	101.217	ug/l	99
16) Acetone	3.82	43	132875	80.847	ug/l	100
17) Carbon Disulfide	4.05	76	232032	19.623	ug/l	99
18) Methyl Acetate	4.33	43	76360	20.187	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	241581	20.050	ug/l	99
20) Methylene Chloride	4.55	84	102579	19.892	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	95025	20.482	ug/l	98
22) Diisopropyl ether	5.96	45	353451	20.874	ug/l	99
23) Vinyl Acetate	5.90	43	1203332	102.131	ug/l	99
24) 1,1-Dichloroethane	5.85	63	189893	20.565	ug/l	100
25) 2-Butanone	6.85	43	213938	102.541	ug/l	98
26) 2,2-Dichloropropane	6.82	77	127767	19.738	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	107716	20.467	ug/l	99
28) Bromochloromethane	7.19	49	84728	19.587	ug/l	98
29) Tetrahydrofuran	7.22	42	138134	101.011	ug/l	99
30) Chloroform	7.37	83	181593	20.751	ug/l	99
31) Cyclohexane	7.65	56	183289	20.009	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	150072	20.322	ug/l	99
36) 1,1-Dichloropropene	7.79	75	133748	19.100	ug/l	99
37) Ethyl Acetate	6.94	43	85173	17.724	ug/l	97
38) Carbon Tetrachloride	7.77	117	127924	18.916	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	153332	19.903	ug/l	99
40) Benzene	8.04	78	405195	20.109	ug/l	97
41) Methacrylonitrile	7.18	41	52326	19.043	ug/l	95
42) 1,2-Dichloroethane	8.13	62	138826	19.607	ug/l	98
43) Isopropyl Acetate	8.17	43	158486	19.568	ug/l	99
44) Trichloroethene	8.84	130	102734	19.940	ug/l	99
45) 1,2-Dichloropropane	9.12	63	114006	20.306	ug/l	97
46) Dibromomethane	9.21	93	62688	19.690	ug/l	99
47) Bromodichloromethane	9.40	83	133488	19.962	ug/l	99
48) Methyl methacrylate	9.20	41	80984	19.752	ug/l	96
49) 1,4-Dioxane	9.20	88	17050	412.009	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	450076	99.615	ug/l	99
52) Toluene	10.16	92	241426	20.327	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	120325	18.721	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	151401	20.116	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	85481	19.851	ug/l	98
56) Ethyl methacrylate	10.43	69	108459	19.264	ug/l	98
57) 1,3-Dichloropropane	10.71	76	148891	19.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	206469	89.156	ug/l	100
59) 2-Hexanone	10.75	43	278549	98.702	ug/l	100
60) Dibromochloromethane	10.90	129	88359	19.590	ug/l	98
61) 1,2-Dibromoethane	11.00	107	83016	20.504	ug/l	99
64) Tetrachloroethene	10.63	164	98870	19.879	ug/l	99
65) Chlorobenzene	11.43	112	254851	20.275	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	94937	20.629	ug/l	99
67) Ethyl Benzene	11.51	91	452984	19.987	ug/l	98
68) m/p-Xylenes	11.62	106	331089	39.963	ug/l	99
69) o-Xylene	11.95	106	164641	20.373	ug/l	99
70) Styrene	11.96	104	262831	20.277	ug/l	99
71) Bromoform	12.12	173	51602	18.654	ug/l #	97
73) Isopropylbenzene	12.25	105	434850	20.286	ug/l	99
74) N-amyl acetate	12.07	43	120698	20.257	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	104143	20.768	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	90186m	20.938	ug/l	
77) Bromobenzene	12.53	156	102852	19.813	ug/l	96
78) n-propylbenzene	12.59	91	477446	20.216	ug/l	100
79) 2-Chlorotoluene	12.67	91	292894	20.011	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	357130	20.286	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19909	18.123	ug/l	89
82) 4-Chlorotoluene	12.77	91	280094	20.232	ug/l	99
83) tert-Butylbenzene	12.99	119	304233	20.315	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	349439	20.516	ug/l	99
85) sec-Butylbenzene	13.17	105	390413	20.155	ug/l	100
86) p-Isopropyltoluene	13.29	119	342665	20.531	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	174963	20.261	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	163489	19.887	ug/l	96
89) n-Butylbenzene	13.61	91	267706	20.071	ug/l	98
90) Hexachloroethane	13.87	117	55218	19.696	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	172674	20.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13866	18.898	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	76407	18.861	ug/l	97
94) Hexachlorobutadiene	15.01	225	54264	19.131	ug/l	98
95) Naphthalene	15.13	128	157468	18.322	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	74064	19.023	ug/l	98

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

