

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049785.D
 Acq On : 12 Jul 2018 22:19
 Operator : MD\SY
 Sample : VN0712WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:39 PM

Quant Time: Jul 13 05:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1183508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1747332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1583074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	795164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	664213	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.59	113	634538	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.09	98	2109191	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.40	95	741792	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	206269	19.32	ug/l	97
3) Chloromethane	2.06	50	276826	19.72	ug/l	99
4) Vinyl Chloride	2.18	62	308492	20.16	ug/l	100
5) Bromomethane	2.57	94	193790	20.10	ug/l	98
6) Chloroethane	2.70	64	204107	19.39	ug/l	100
7) Trichlorofluoromethane	3.02	101	430094	19.17	ug/l	100
8) Diethyl Ether	3.42	74	155945	19.39	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	275300	18.90	ug/l	100
10) Methyl Iodide	3.96	142	356830	19.27	ug/l	99
11) Tert butyl alcohol	4.80	59	90046	97.72	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	241979	18.91	ug/l	98
13) Acrolein	3.61	56	69701	86.12	ug/l	97
14) Allyl chloride	4.33	41	381584	18.27	ug/l	97
15) Acrylonitrile	5.00	53	444875	96.41	ug/l	99
16) Acetone	3.82	43	313207	91.12	ug/l	99
17) Carbon Disulfide	4.05	76	641762	19.31	ug/l	100
18) Methyl Acetate	4.33	43	241206	20.54	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	689829	19.43	ug/l	99
20) Methylene Chloride	4.55	84	297436	20.52	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	264130	18.88	ug/l	99
22) Diisopropyl ether	5.96	45	862817	20.11	ug/l	99
23) Vinyl Acetate	5.90	43	2773525	96.47	ug/l	99
24) 1,1-Dichloroethane	5.86	63	523166	19.41	ug/l	99
25) 2-Butanone	6.84	43	489738	91.28	ug/l	99
26) 2,2-Dichloropropane	6.83	77	386759	17.29	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	311202	19.45	ug/l	98
28) Bromochloromethane	7.20	49	239922	19.57	ug/l	98
29) Tetrahydrofuran	7.22	42	318825	94.63	ug/l	99
30) Chloroform	7.37	83	538892	19.40	ug/l	100
31) Cyclohexane	7.66	56	416157	19.24	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	460154	19.51	ug/l	99
36) 1,1-Dichloropropene	7.80	75	376885	18.72	ug/l	100
37) Ethyl Acetate	6.93	43	232629	19.52	ug/l	99
38) Carbon Tetrachloride	7.78	117	402286	19.11	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	382622	18.03	ug/l	97
40) Benzene	8.05	78	1174472	19.50	ug/l	100
41) Methacrylonitrile	7.18	41	127962	18.98	ug/l	99
42) 1,2-Dichloroethane	8.13	62	380226	19.30	ug/l	99
43) Isopropyl Acetate	8.17	43	415020	19.37	ug/l	97
44) Trichloroethene	8.84	130	304078	18.75	ug/l	99
45) 1,2-Dichloropropane	9.12	63	312574	19.31	ug/l	97
46) Dibromomethane	9.21	93	183516	19.09	ug/l	100
47) Bromodichloromethane	9.41	83	411543	19.44	ug/l	99
48) Methyl methacrylate	9.20	41	206898	19.32	ug/l	97
49) 1,4-Dioxane	9.20	88	52721	375.65	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1146780	98.59	ug/l	99
52) Toluene	10.16	92	722274	20.04	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	376464	18.49	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	447468	19.29	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	269587	19.35	ug/l	98
56) Ethyl methacrylate	10.43	69	312111	19.18	ug/l	99
57) 1,3-Dichloropropane	10.71	76	447479	19.48	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	751376	96.28	ug/l	100
59) 2-Hexanone	10.75	43	716687	92.68	ug/l	99
60) Dibromochloromethane	10.90	129	300021	19.00	ug/l	98
61) 1,2-Dibromoethane	11.01	107	256194	19.53	ug/l	98
64) Tetrachloroethene	10.63	164	277680	19.32	ug/l	97
65) Chlorobenzene	11.44	112	777500	18.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	306268	19.74	ug/l	98
67) Ethyl Benzene	11.51	91	1307290	19.36	ug/l	99
68) m/p-Xylenes	11.62	106	1004221	39.62	ug/l	99
69) o-Xylene	11.95	106	490114	20.01	ug/l	97
70) Styrene	11.97	104	779008	20.03	ug/l	100
71) Bromoform	12.13	173	204660	19.52	ug/l	98
73) Isopropylbenzene	12.25	105	1299754	19.67	ug/l	99
74) N-amyl acetate	12.07	43	328448	19.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	329085	20.45	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	275560m	19.51	ug/l	
77) Bromobenzene	12.53	156	333661	19.03	ug/l	99
78) n-propylbenzene	12.59	91	1465896	19.67	ug/l	99
79) 2-Chlorotoluene	12.68	91	890900	19.54	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1055460	20.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	75120	17.17	ug/l	95
82) 4-Chlorotoluene	12.78	91	885730	19.58	ug/l	100
83) tert-Butylbenzene	12.99	119	927020	19.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1073331	20.38	ug/l	100
85) sec-Butylbenzene	13.17	105	1230546	19.98	ug/l	100
86) p-Isopropyltoluene	13.29	119	1044761	20.05	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	583864	19.21	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	560838	18.98	ug/l	99
89) n-Butylbenzene	13.62	91	809559	18.82	ug/l	99
90) Hexachloroethane	13.88	117	201405	19.46	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	579517	19.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	47790	20.17	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	268355	18.41	ug/l	99
94) Hexachlorobutadiene	15.01	225	180318	19.20	ug/l	97
95) Naphthalene	15.14	128	530055	17.89	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	276266	19.20	ug/l	100

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

