

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049872.D
 Acq On : 18 Jul 2018 15:01
 Operator : MD\SY
 Sample : VN0718WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Manual Integrations
 APPROVED

apatel
 7/19/2018 4:30:40 PM

Quant Time: Jul 19 04:11:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	641491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	947090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	868380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	446088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	447878	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	7.59	113	398681	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1470522	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	497792	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	119234	19.51	ug/l	98
3) Chloromethane	2.06	50	160002	18.27	ug/l	97
4) Vinyl Chloride	2.18	62	175430	18.78	ug/l	100
5) Bromomethane	2.56	94	116242	21.16	ug/l	97
6) Chloroethane	2.70	64	111274	18.24	ug/l	99
7) Trichlorofluoromethane	3.01	101	237350	18.49	ug/l	98
8) Diethyl Ether	3.41	74	88456	19.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	147108	18.58	ug/l	99
10) Methyl Iodide	3.95	142	181812	17.12	ug/l	99
11) Tert butyl alcohol	4.80	59	63814	101.59	ug/l	99
12) 1,1-Dichloroethene	3.73	96	130477	18.76	ug/l	100
13) Acrolein	3.61	56	42703	105.50	ug/l	98
14) Allyl chloride	4.32	41	214290	19.55	ug/l	99
15) Acrylonitrile	5.00	53	279900	101.32	ug/l	99
16) Acetone	3.82	43	232745	101.96	ug/l	99
17) Carbon Disulfide	4.05	76	372737	17.91	ug/l	99
18) Methyl Acetate	4.33	43	153807	20.96	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	388913	20.32	ug/l	98
20) Methylene Chloride	4.55	84	157805	18.18	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	141115	19.11	ug/l	98
22) Diisopropyl ether	5.96	45	465822	20.82	ug/l	98
23) Vinyl Acetate	5.90	43	1607417	102.40	ug/l	100
24) 1,1-Dichloroethane	5.85	63	277742	19.34	ug/l	100
25) 2-Butanone	6.84	43	342595	105.01	ug/l	98
26) 2,2-Dichloropropane	6.82	77	230848	20.66	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	162743	20.08	ug/l	99
28) Bromochloromethane	7.19	49	131788	20.32	ug/l	98
29) Tetrahydrofuran	7.22	42	220624	107.35	ug/l	99
30) Chloroform	7.37	83	283619	19.24	ug/l	99
31) Cyclohexane	7.65	56	228496	19.55	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	244503	19.19	ug/l	100
36) 1,1-Dichloropropene	7.79	75	204946	19.46	ug/l	99
37) Ethyl Acetate	6.93	43	147784	20.44	ug/l	100
38) Carbon Tetrachloride	7.77	117	210116	18.63	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	208675	19.18	ug/l	99
40) Benzene	8.04	78	632213	19.70	ug/l	99
41) Methacrylonitrile	7.18	41	68508	18.90	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	209640	19.72	ug/l	100
43) Isopropyl Acetate	8.17	43	265516	21.02	ug/l	98
44) Trichloroethene	8.84	130	163341	19.41	ug/l	100
45) 1,2-Dichloropropane	9.12	63	165865	19.16	ug/l	100
46) Dibromomethane	9.21	93	103947	19.36	ug/l	99
47) Bromodichloromethane	9.40	83	217541	19.59	ug/l	99
48) Methyl methacrylate	9.20	41	128542	20.28	ug/l	98
49) 1,4-Dioxane	9.20	88	38992	433.73	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	749612	106.15	ug/l	99
52) Toluene	10.16	92	388629	20.30	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	217631	19.82	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	248491	20.48	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	152460	19.28	ug/l	99
56) Ethyl methacrylate	10.43	69	187716	19.07	ug/l	99
57) 1,3-Dichloropropane	10.71	76	248540	19.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	464596	110.27	ug/l	100
59) 2-Hexanone	10.75	43	513976	108.35	ug/l	99
60) Dibromochloromethane	10.90	129	166622	19.21	ug/l	97
61) 1,2-Dibromoethane	11.01	107	150721	20.39	ug/l	98
64) Tetrachloroethene	10.63	164	148002	18.97	ug/l	99
65) Chlorobenzene	11.43	112	422764	19.38	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	162737	19.26	ug/l	99
67) Ethyl Benzene	11.51	91	706040	19.95	ug/l	100
68) m/p-Xylenes	11.62	106	550511	41.09	ug/l	99
69) o-Xylene	11.95	106	263167	20.45	ug/l	97
70) Styrene	11.96	104	433744	20.81	ug/l	100
71) Bromoform	12.13	173	120650	19.96	ug/l #	99
73) Isopropylbenzene	12.25	105	701175	20.69	ug/l	100
74) N-amyl acetate	12.07	43	216690	21.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	201692	19.87	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	154487m	18.46	ug/l	
77) Bromobenzene	12.53	156	186176	19.90	ug/l	98
78) n-propylbenzene	12.59	91	802924	20.84	ug/l	100
79) 2-Chlorotoluene	12.68	91	488607	20.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	581447	21.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52861	19.75	ug/l	95
82) 4-Chlorotoluene	12.77	91	497292	20.96	ug/l	98
83) tert-Butylbenzene	12.99	119	500698	20.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	587275	21.35	ug/l	100
85) sec-Butylbenzene	13.17	105	665459	21.11	ug/l	99
86) p-Isopropyltoluene	13.29	119	569876	21.21	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	315660	19.36	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	312697	19.13	ug/l	99
89) n-Butylbenzene	13.62	91	448752	20.23	ug/l	100
90) Hexachloroethane	13.88	117	110786	18.37	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	318949	19.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30994	19.76	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	145338	18.78	ug/l	99
94) Hexachlorobutadiene	15.01	225	100165	19.07	ug/l	99
95) Naphthalene	15.14	128	314826	18.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	148882	19.36	ug/l	98

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

