

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049877.D
 Acq On : 18 Jul 2018 17:11
 Operator : MD\SY
 Sample : VN0718WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Manual Integrations
 APPROVED

apatel
 7/19/2018 4:30:51 PM

Quant Time: Jul 19 04:36:46 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	586763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	803024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	412322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	430106	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
35) Dibromofluoromethane	7.59	113	378005	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.09	98	1381181	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	460857	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	111848	20.04	ug/l	97
3) Chloromethane	2.06	50	150171	18.75	ug/l	100
4) Vinyl Chloride	2.18	62	164198	19.22	ug/l	99
5) Bromomethane	2.56	94	105044	20.88	ug/l	97
6) Chloroethane	2.70	64	105932	18.99	ug/l	99
7) Trichlorofluoromethane	3.01	101	226009	19.25	ug/l	98
8) Diethyl Ether	3.41	74	80530	19.66	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	136525	18.86	ug/l	99
10) Methyl Iodide	3.95	142	175957	18.11	ug/l	98
11) Tert butyl alcohol	4.81	59	64026	111.44	ug/l	99
12) 1,1-Dichloroethene	3.73	96	121838	19.15	ug/l	98
13) Acrolein	3.61	56	39122	105.67	ug/l	99
14) Allyl chloride	4.32	41	195354	19.48	ug/l	98
15) Acrylonitrile	5.00	53	266967	105.65	ug/l	98
16) Acetone	3.82	43	208748	99.97	ug/l	97
17) Carbon Disulfide	4.05	76	347348	18.25	ug/l	100
18) Methyl Acetate	4.33	43	153799	22.99	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	367118	20.97	ug/l	100
20) Methylene Chloride	4.55	84	147041	18.52	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	133928	19.83	ug/l	99
22) Diisopropyl ether	5.96	45	434980	21.26	ug/l	99
23) Vinyl Acetate	5.90	43	1524908	106.21	ug/l	100
24) 1,1-Dichloroethane	5.85	63	261574	19.91	ug/l	100
25) 2-Butanone	6.84	43	317116	106.27	ug/l	100
26) 2,2-Dichloropropane	6.82	77	206285	20.18	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	152589	20.59	ug/l	98
28) Bromochloromethane	7.20	49	126565	21.33	ug/l	99
29) Tetrahydrofuran	7.22	42	208695	111.01	ug/l	99
30) Chloroform	7.37	83	270097	20.03	ug/l	100
31) Cyclohexane	7.65	56	210584	19.69	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	228498	19.60	ug/l	99
36) 1,1-Dichloropropene	7.79	75	188175	19.10	ug/l	99
37) Ethyl Acetate	6.94	43	144154	21.31	ug/l	98
38) Carbon Tetrachloride	7.77	117	198626	18.83	ug/l	98

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

39) Methylcyclohexane	9.08	83	190882	18.76	ug/l	97
40) Benzene	8.04	78	595336	19.83	ug/l	100
41) Methacrylonitrile	7.18	41	70065	20.66	ug/l #	95
42) 1,2-Dichloroethane	8.13	62	197864	19.90	ug/l	99
43) Isopropyl Acetate	8.17	43	289820	24.53	ug/l	97
44) Trichloroethene	8.83	130	153104	19.45	ug/l	99
45) 1,2-Dichloropropane	9.12	63	157473	19.44	ug/l	100
46) Dibromomethane	9.21	93	99889	19.89	ug/l	97
47) Bromodichloromethane	9.40	83	208412	20.06	ug/l	99
48) Methyl methacrylate	9.20	41	121131	20.44	ug/l	98
49) 1,4-Dioxane	9.20	88	36870	438.48	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	723313	109.50	ug/l	99
52) Toluene	10.16	92	365843	20.43	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	203232	19.79	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	228984	20.17	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	143400	19.38	ug/l	99
56) Ethyl methacrylate	10.43	69	177790	19.28	ug/l	98
57) 1,3-Dichloropropane	10.71	76	235146	20.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	436812	110.84	ug/l	98
59) 2-Hexanone	10.75	43	485486	109.42	ug/l	98
60) Dibromochloromethane	10.90	129	158384	19.52	ug/l	98
61) 1,2-Dibromoethane	11.01	107	140374	20.31	ug/l	99
64) Tetrachloroethene	10.63	164	134590	18.65	ug/l	98
65) Chlorobenzene	11.44	112	395464	19.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	153416	19.63	ug/l	99
67) Ethyl Benzene	11.51	91	649161	19.83	ug/l	100
68) m/p-Xylenes	11.62	106	508415	41.03	ug/l	99
69) o-Xylene	11.95	106	241284	20.28	ug/l	97
70) Styrene	11.97	104	401581	20.83	ug/l	100
71) Bromoform	12.13	173	113295	20.27	ug/l #	100
73) Isopropylbenzene	12.25	105	647019	20.66	ug/l	100
74) N-amyl acetate	12.07	43	203385	21.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	192750	20.54	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	148471m	19.20	ug/l	
77) Bromobenzene	12.53	156	173383	20.05	ug/l	97
78) n-propylbenzene	12.59	91	737905	20.72	ug/l	100
79) 2-Chlorotoluene	12.68	91	451842	20.67	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	528433	21.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50584	20.45	ug/l	96
82) 4-Chlorotoluene	12.77	91	449516	20.49	ug/l	99
83) tert-Butylbenzene	12.99	119	453021	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	535968	21.08	ug/l	99
85) sec-Butylbenzene	13.17	105	613133	21.05	ug/l	99
86) p-Isopropyltoluene	13.29	119	518793	20.89	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	295347	19.60	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	292402	19.35	ug/l	100
89) n-Butylbenzene	13.62	91	403661	19.68	ug/l	99
90) Hexachloroethane	13.88	117	105424	18.91	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	298824	20.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28922	19.95	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135514	18.91	ug/l	100
94) Hexachlorobutadiene	15.01	225	91603	18.87	ug/l	100
95) Naphthalene	15.14	128	303200	18.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	142004	19.98	ug/l	100

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

