

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049287.D
 Acq On : 16 Jun 2018 4:17
 Operator : MD\SY
 Sample : VN0616WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:18 PM

Quant Time: Jun 16 05:25:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1444472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2209121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1998778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	878395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	979885	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.59	113	884638	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.09	98	3390406	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.40	95	1071003	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	314553	18.92	ug/l	99
3) Chloromethane	2.06	50	412548	19.22	ug/l	97
4) Vinyl Chloride	2.18	62	442473	19.39	ug/l	99
5) Bromomethane	2.57	94	244644	20.40	ug/l	97
6) Chloroethane	2.71	64	274354	20.17	ug/l	99
7) Trichlorofluoromethane	3.02	101	548255	19.26	ug/l	99
8) Diethyl Ether	3.41	74	192482	19.37	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	347748	19.26	ug/l	93
10) Methyl Iodide	3.95	142	384284	20.45	ug/l	91
11) Tert butyl alcohol	4.80	59	96668	85.97	ug/l #	89
12) 1,1-Dichloroethene	3.73	96	316824	19.13	ug/l	92
13) Acrolein	3.61	56	106877	90.63	ug/l	100
14) Allyl chloride	4.32	41	493115	18.86	ug/l	90
15) Acrylonitrile	4.99	53	538189	95.72	ug/l	98
16) Acetone	3.82	43	358282	77.02	ug/l #	89
17) Carbon Disulfide	4.05	76	942376	18.15	ug/l	100
18) Methyl Acetate	4.33	43	283738	20.00	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	811994	19.23	ug/l	97
20) Methylene Chloride	4.55	84	374870	19.30	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	338061	19.28	ug/l	92
22) Diisopropyl ether	5.96	45	1062540	20.35	ug/l	98
23) Vinyl Acetate	5.90	43	3245154	95.32	ug/l	96
24) 1,1-Dichloroethane	5.85	63	655156	19.60	ug/l	99
25) 2-Butanone	6.84	43	541821	86.74	ug/l	95
26) 2,2-Dichloropropane	6.83	77	421963	15.63	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	378375	19.41	ug/l	92
28) Bromochloromethane	7.19	49	299764	20.23	ug/l	85
29) Tetrahydrofuran	7.22	42	367694	91.45	ug/l	94
30) Chloroform	7.37	83	661412	19.88	ug/l	100
31) Cyclohexane	7.65	56	553179	19.41	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	561085	19.77	ug/l	97
36) 1,1-Dichloropropene	7.80	75	477509	18.86	ug/l	95
37) Ethyl Acetate	6.93	43	267289	19.42	ug/l	98
38) Carbon Tetrachloride	7.77	117	510713	19.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	489033	17.99	ug/l	97
40) Benzene	8.04	78	1502084	19.35	ug/l	99
41) Methacrylonitrile	7.18	41	134845	18.12	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	464081	19.35	ug/l	96
43) Isopropyl Acetate	8.17	43	546124	20.77	ug/l	99
44) Trichloroethene	8.84	130	388934	18.97	ug/l	96
45) 1,2-Dichloropropane	9.12	63	391396	19.26	ug/l	99
46) Dibromomethane	9.21	93	228326	19.37	ug/l	93
47) Bromodichloromethane	9.41	83	501458	19.36	ug/l	96
48) Methyl methacrylate	9.20	41	233583	18.86	ug/l	88
49) 1,4-Dioxane	9.20	88	60025	351.18	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1284243	93.17	ug/l	95
52) Toluene	10.16	92	928858	20.39	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	446362	18.02	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	531850	18.18	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	323225	19.03	ug/l	97
56) Ethyl methacrylate	10.43	69	361875	18.47	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	534944	19.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	511008	83.10	ug/l	94
59) 2-Hexanone	10.75	43	778751	87.64	ug/l	94
60) Dibromochloromethane	10.90	129	366119	19.31	ug/l	99
61) 1,2-Dibromoethane	11.01	107	291920	18.49	ug/l	97
64) Tetrachloroethene	10.63	164	409174	19.98	ug/l	98
65) Chlorobenzene	11.44	112	993807	19.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	371067	19.15	ug/l	100
67) Ethyl Benzene	11.51	91	1665915	19.51	ug/l	97
68) m/p-Xylenes	11.63	106	1283233	40.04	ug/l	96
69) o-Xylene	11.95	106	611239	19.80	ug/l	96
70) Styrene	11.97	104	971320	19.94	ug/l	98
71) Bromoform	12.13	173	232153	18.51	ug/l #	100
73) Isopropylbenzene	12.25	105	1655323	21.46	ug/l	98
74) N-amyl acetate	12.07	43	342308	18.12	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	370173	22.08	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	301236m	20.10	ug/l	
77) Bromobenzene	12.53	156	407470	20.00	ug/l	90
78) n-propylbenzene	12.59	91	1794776	21.19	ug/l	99
79) 2-Chlorotoluene	12.68	91	1126910	21.00	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1313788	21.67	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	79105	16.68	ug/l	97
82) 4-Chlorotoluene	12.78	91	1070447	20.68	ug/l	97
83) tert-Butylbenzene	13.00	119	1106913	20.61	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1317880	21.88	ug/l	99
85) sec-Butylbenzene	13.17	105	1466164	20.51	ug/l	99
86) p-Isopropyltoluene	13.29	119	1226176	20.53	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	651667	19.44	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	627448	18.89	ug/l	100
89) n-Butylbenzene	13.62	91	855334	18.34	ug/l	98
90) Hexachloroethane	13.88	117	259712	22.03	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	638683	19.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	45233	16.85	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	196486	16.55	ug/l	98
94) Hexachlorobutadiene	15.01	225	199142	19.03	ug/l	99
95) Naphthalene	15.14	128	382507	17.12	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	222827	17.54	ug/l	98

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

