

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049511.D
 Acq On : 25 Jun 2018 13:15
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/26/2018 5:13:41 PM

Quant Time: Jun 26 01:47:44 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	7.66	168	1593818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2265928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2079397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1090626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	972686	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	7.59	113	890336	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
50) Toluene-d8	10.09	98	3410880	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	1153419	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	741424	40.42	ug/l	99
3) Chloromethane	2.06	50	944908	39.89	ug/l	98
4) Vinyl Chloride	2.18	62	1045216	41.52	ug/l	99
5) Bromomethane	2.56	94	582531	44.02	ug/l	97
6) Chloroethane	2.70	64	656766	43.75	ug/l	98
7) Trichlorofluoromethane	3.01	101	1449054	46.14	ug/l	99
8) Diethyl Ether	3.41	74	498971	45.50	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	917549	46.06	ug/l	92
10) Methyl Iodide	3.95	142	1037956	50.05	ug/l	92
11) Tert butyl alcohol	4.79	59	261361	210.65	ug/l	99
12) 1,1-Dichloroethene	3.73	96	819837	44.86	ug/l	89
13) Acrolein	3.61	56	346121	266.02	ug/l	98
14) Allyl chloride	4.32	41	1353870	46.92	ug/l	89
15) Acrylonitrile	4.99	53	1424928	229.68	ug/l	98
16) Acetone	3.82	43	1264317	246.33	ug/l	93
17) Carbon Disulfide	4.05	76	2412809	42.12	ug/l	99
18) Methyl Acetate	4.32	43	736562	47.06	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2254490	48.39	ug/l	98
20) Methylene Chloride	4.55	84	953406	44.48	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	891396	46.07	ug/l	92
22) Diisopropyl ether	5.95	45	2825378	49.03	ug/l	95
23) Vinyl Acetate	5.90	43	9030047	240.39	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1690891	45.85	ug/l	98
25) 2-Butanone	6.84	43	1624497	235.71	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1462416	49.10	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	1017657	47.31	ug/l	93
28) Bromochloromethane	7.19	49	847062	51.81	ug/l	84
29) Tetrahydrofuran	7.21	42	1021062	230.15	ug/l	94
30) Chloroform	7.37	83	1710491	46.60	ug/l	100
31) Cyclohexane	7.65	56	1511147	48.33	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1490274	47.59	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1318295	50.76	ug/l	97
37) Ethyl Acetate	6.93	43	708345	50.17	ug/l	97
38) Carbon Tetrachloride	7.77	117	1334898	49.65	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1444520	51.82	ug/l	96
40) Benzene	8.04	78	3911414	49.13	ug/l	99
41) Methacrylonitrile	7.18	41	388623	50.92	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1201144	48.83	ug/l	96
43) Isopropyl Acetate	8.17	43	1289672	47.81	ug/l	94
44) Trichloroethene	8.83	130	1065846	50.69	ug/l	92
45) 1,2-Dichloropropane	9.12	63	1030688	49.44	ug/l	99
46) Dibromomethane	9.21	93	590487	48.85	ug/l	91
47) Bromodichloromethane	9.40	83	1314018	49.47	ug/l	97
48) Methyl methacrylate	9.20	41	662242	52.13	ug/l	87
49) 1,4-Dioxane	9.20	88	169191	965.03	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3490696	246.91	ug/l	94
52) Toluene	10.16	92	2433958	52.09	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1314026	51.71	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1545053	51.49	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	845857	48.56	ug/l	98
56) Ethyl methacrylate	10.43	69	1017819	50.64	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1427952	49.48	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	1478429	208.30	ug/l	94
59) 2-Hexanone	10.75	43	2368836	259.89	ug/l	93
60) Dibromochloromethane	10.90	129	978110	50.31	ug/l	99
61) 1,2-Dibromoethane	11.01	107	813939	50.27	ug/l	100
64) Tetrachloroethene	10.63	164	1169137	54.87	ug/l	97
65) Chlorobenzene	11.43	112	2676996	49.97	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	996218	49.42	ug/l	99
67) Ethyl Benzene	11.51	91	4650373	52.34	ug/l	98
68) m/p-Xylenes	11.62	106	3599995	107.96	ug/l	96
69) o-Xylene	11.95	106	1713201	53.34	ug/l	96
70) Styrene	11.96	104	2770113	54.67	ug/l	97
71) Bromoform	12.13	173	661695	50.71	ug/l	100
73) Isopropylbenzene	12.25	105	4629354	48.34	ug/l	98
74) N-amyl acetate	12.07	43	1087564	46.37	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	919097	46.50	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	773336m	41.56	ug/l	
77) Bromobenzene	12.53	156	1140643	45.10	ug/l	89
78) n-propylbenzene	12.59	91	5346837	50.85	ug/l	98
79) 2-Chlorotoluene	12.68	91	3137652	47.10	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3823505	50.80	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	264288	44.89	ug/l	91
82) 4-Chlorotoluene	12.77	91	3170510	49.33	ug/l	97
83) tert-Butylbenzene	12.99	119	3208313	48.11	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3848921	51.48	ug/l	99
85) sec-Butylbenzene	13.17	105	4380486	49.36	ug/l	99
86) p-Isopropyltoluene	13.29	119	3834383	51.71	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	2036141	48.93	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1985741	48.15	ug/l	99
89) n-Butylbenzene	13.62	91	3074071	53.08	ug/l	97
90) Hexachloroethane	13.88	117	718380	51.23	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	1964479	48.14	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	140425	42.12	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	857044	46.22	ug/l	98
94) Hexachlorobutadiene	15.01	225	645157	54.28	ug/l	99
95) Naphthalene	15.14	128	1561579	47.50	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	850827	46.77	ug/l	98

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

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