

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049633.D
 Acq On : 29 Jun 2018 15:35
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN062918

Manual Integrations
 APPROVED

apatel
 7/2/2018 2:19:47 PM

Quant Time: Jun 30 01:34:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1506619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2170715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1975920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1108585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	938864	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	7.59	113	808766	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.09	98	3243957	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.40	95	1138862	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	790355	46.55	ug/l	99
3) Chloromethane	2.06	50	907294	42.78	ug/l	97
4) Vinyl Chloride	2.18	62	1001989	43.99	ug/l	100
5) Bromomethane	2.56	94	502008	41.96	ug/l	97
6) Chloroethane	2.70	64	618895	42.93	ug/l	99
7) Trichlorofluoromethane	3.02	101	1132707	43.54	ug/l	100
8) Diethyl Ether	3.40	74	463826	43.98	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	830192	44.35	ug/l	93
10) Methyl Iodide	3.94	142	1140728	48.70	ug/l	91
11) Tert butyl alcohol	4.79	59	265677	232.70	ug/l	97
12) 1,1-Dichloroethene	3.73	96	745020	42.10	ug/l	89
13) Acrolein	3.60	56	233549	218.99	ug/l	98
14) Allyl chloride	4.32	41	1037296	42.67	ug/l	89
15) Acrylonitrile	4.99	53	1322301	224.24	ug/l	99
16) Acetone	3.82	43	888164	213.87	ug/l	92
17) Carbon Disulfide	4.05	76	2159774	44.30	ug/l	99
18) Methyl Acetate	4.32	43	778887	42.42	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	2098980	46.01	ug/l	99
20) Methylene Chloride	4.55	84	835669	40.79	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	795789	43.70	ug/l	92
22) Diisopropyl ether	5.95	45	2508655	45.62	ug/l	98
23) Vinyl Acetate	5.89	43	8470473	237.52	ug/l	95
24) 1,1-Dichloroethane	5.84	63	1496888	43.21	ug/l	98
25) 2-Butanone	6.83	43	1489174	225.46	ug/l	96
26) 2,2-Dichloropropane	6.82	77	1287022	44.73	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	906909	44.58	ug/l	92
28) Bromochloromethane	7.19	49	711173	48.37	ug/l #	83
29) Tetrahydrofuran	7.21	42	988921	234.90	ug/l	92
30) Chloroform	7.37	83	1520067	43.04	ug/l	99
31) Cyclohexane	7.65	56	1346244	45.26	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	1317892	44.08	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1163463	47.64	ug/l	97
37) Ethyl Acetate	6.93	43	699146	49.08	ug/l	98
38) Carbon Tetrachloride	7.77	117	1137720	47.89	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1295879	48.40	ug/l	95
40) Benzene	8.04	78	3435424	46.07	ug/l	100
41) Methacrylonitrile	7.17	41	392604	51.63	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1090391	45.82	ug/l	96
43) Isopropyl Acetate	8.17	43	1333347	47.11	ug/l #	86
44) Trichloroethene	8.83	130	992853	44.15	ug/l	93
45) 1,2-Dichloropropane	9.12	63	901232	46.78	ug/l	100
46) Dibromomethane	9.21	93	535552	45.95	ug/l	91
47) Bromodichloromethane	9.40	83	1157776	46.66	ug/l	97
48) Methyl methacrylate	9.20	41	609208	48.13	ug/l	87
49) 1,4-Dioxane	9.20	88	164983	969.50	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	3445644	246.72	ug/l	94
52) Toluene	10.16	92	2149803	47.72	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1166085	49.08	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1336346	48.13	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	770672	45.94	ug/l	97
56) Ethyl methacrylate	10.43	69	1003322	51.03	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	1288818	47.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1805579	176.66	ug/l	95
59) 2-Hexanone	10.75	43	2370930	256.73	ug/l	93
60) Dibromochloromethane	10.90	129	865531	47.74	ug/l	99
61) 1,2-Dibromoethane	11.01	107	748257	46.55	ug/l	99
64) Tetrachloroethene	10.63	164	1137068	42.50	ug/l	98
65) Chlorobenzene	11.43	112	2346641	45.53	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	859265	46.39	ug/l	99
67) Ethyl Benzene	11.51	91	4068643	47.75	ug/l	98
68) m/p-Xylenes	11.62	106	3206654	98.20	ug/l	96
69) o-Xylene	11.95	106	1517558	48.54	ug/l	96
70) Styrene	11.96	104	2522778	49.87	ug/l	97
71) Bromoform	12.13	173	594328	48.29	ug/l #	100
73) Isopropylbenzene	12.25	105	4049881	45.86	ug/l	98
74) N-amyl acetate	12.07	43	1125326	46.65	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	870064	47.37	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	801373m	46.53	ug/l	
77) Bromobenzene	12.53	156	1029288	42.87	ug/l	90
78) n-propylbenzene	12.59	91	4780941	47.24	ug/l	98
79) 2-Chlorotoluene	12.68	91	2824673	44.10	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	3461659	47.18	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	249583	47.68	ug/l	92
82) 4-Chlorotoluene	12.77	91	2896269	44.97	ug/l	97
83) tert-Butylbenzene	12.99	119	2874216	45.60	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3566101	47.30	ug/l	99
85) sec-Butylbenzene	13.17	105	3945144	47.24	ug/l	99
86) p-Isopropyltoluene	13.29	119	3521381	48.68	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1888140	46.39	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1856302	46.45	ug/l	99
89) n-Butylbenzene	13.62	91	3005430	48.53	ug/l	97
90) Hexachloroethane	13.88	117	434049	57.12	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	1852745	47.38	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	147964	48.02	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	946484	46.51	ug/l	98
94) Hexachlorobutadiene	15.01	225	599953	51.00	ug/l	98
95) Naphthalene	15.14	128	1996252	47.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	901719	46.61	ug/l	98

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

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