

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005180.D
 Acq On : 10 Oct 2018 00:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 2:08:16 PM

Quant Time: Oct 10 08:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175297	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141698	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	5.50	113	113183	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	8.72	98	416217	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	158480	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	175795	65.129	ug/l	89
3) Chloromethane	1.32	50	178990	54.658	ug/l	99
4) Vinyl Chloride	1.40	62	199204	64.858	ug/l	90
5) Bromomethane	1.64	94	103472	56.812	ug/l	96
6) Chloroethane	1.71	64	101076	60.893	ug/l	97
7) Trichlorofluoromethane	1.92	101	221631	58.288	ug/l	95
8) Diethyl Ether	2.19	74	86603	52.428	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120264	55.525	ug/l	99
10) Methyl Iodide	2.51	142	147140	50.767	ug/l	92
11) Tert butyl alcohol	3.08	59	218668	276.547	ug/l	99
12) 1,1-Dichloroethene	2.37	96	117283	54.677	ug/l	93
13) Acrolein	2.29	56	131680	234.062	ug/l	91
14) Allyl chloride	2.72	41	256315	54.766	ug/l	95
15) Acrylonitrile	3.15	53	477596	274.378	ug/l	96
16) Acetone	2.45	43	431047	261.085	ug/l	92
17) Carbon Disulfide	2.56	76	348263	54.032	ug/l	100
18) Methyl Acetate	2.78	43	242276	57.920	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	421598	56.982	ug/l	96
20) Methylene Chloride	2.85	84	134553	56.156	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	123740	52.698	ug/l	86
22) Diisopropyl ether	3.87	45	419801	53.267	ug/l	98
23) Vinyl Acetate	3.82	43	1888201	261.742	ug/l	99
24) 1,1-Dichloroethane	3.70	63	251345	53.465	ug/l	99
25) 2-Butanone	4.71	43	626133	257.287	ug/l	98
26) 2,2-Dichloropropane	4.59	77	131433	40.149	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	134971	51.454	ug/l	99
28) Bromochloromethane	5.02	49	102005	46.076	ug/l	98
29) Tetrahydrofuran	5.16	42	411768	272.231	ug/l	98
30) Chloroform	5.21	83	224277	50.478	ug/l	98
31) Cyclohexane	5.57	56	203214	56.478	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	195920	53.994	ug/l	95
36) 1,1-Dichloropropene	5.79	75	173514	51.715	ug/l	92
37) Ethyl Acetate	4.86	43	221705	49.780	ug/l	98
38) Carbon Tetrachloride	5.78	117	174871	49.582	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	192638	56.228	ug/l #	85
40) Benzene	6.13	78	547847	52.156	ug/l	90
41) Methacrylonitrile	5.06	41	122533	49.610	ug/l	97
42) 1,2-Dichloroethane	6.20	62	182844	49.240	ug/l	97
43) Isopropyl Acetate	6.46	43	326206	50.746	ug/l	97
44) Trichloroethene	7.21	130	137150	53.113	ug/l	95
45) 1,2-Dichloropropane	7.52	63	135563	52.627	ug/l	98
46) Dibromomethane	7.66	93	87529	54.068	ug/l	100
47) Bromodichloromethane	7.90	83	169520	55.929	ug/l	99
48) Methyl methacrylate	7.78	41	173967	59.625	ug/l	99
49) 1,4-Dioxane	7.76	88	80548	1111.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1177712	290.972	ug/l	99
52) Toluene	8.79	92	318548	55.190	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	179664	52.455	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	196088	54.658	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130369	51.565	ug/l	96
56) Ethyl methacrylate	9.18	69	207246	50.485	ug/l	98
57) 1,3-Dichloropropane	9.37	76	219163	52.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	522584	240.464	ug/l	99
59) 2-Hexanone	9.50	43	941997	279.287	ug/l	95
60) Dibromochloromethane	9.59	129	138406	54.740	ug/l	98
61) 1,2-Dibromoethane	9.68	107	138326	51.087	ug/l	95
64) Tetrachloroethene	9.34	164	140417	51.609	ug/l	96
65) Chlorobenzene	10.14	112	354641	50.028	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	131013	52.571	ug/l	99
67) Ethyl Benzene	10.26	91	609938	54.196	ug/l	96
68) m/p-Xylenes	10.36	106	475453	108.109	ug/l	95
69) o-Xylene	10.70	106	228217	56.497	ug/l	99
70) Styrene	10.71	104	388170	51.320	ug/l	100
71) Bromoform	10.86	173	114439	53.637	ug/l #	97
73) Isopropylbenzene	11.02	105	619754	56.090	ug/l	100
74) N-amyl acetate	10.90	43	298648	49.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	217922	48.451	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	202974m	51.660	ug/l	
77) Bromobenzene	11.26	156	165567	51.589	ug/l	100
78) n-propylbenzene	11.36	91	717820	56.621	ug/l	99
79) 2-Chlorotoluene	11.42	91	425985	53.907	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	531119	52.456	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57476	40.299	ug/l	97
82) 4-Chlorotoluene	11.51	91	503578	54.141	ug/l	99
83) tert-Butylbenzene	11.77	119	525219	57.734	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	546264	52.315	ug/l	99
85) sec-Butylbenzene	11.94	105	631885	57.026	ug/l	100
86) p-Isopropyltoluene	12.07	119	569952	56.773	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	307439	51.302	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310442	50.182	ug/l	100
89) n-Butylbenzene	12.39	91	498021	54.623	ug/l	99
90) Hexachloroethane	12.60	117	90653	54.235	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	312577	49.911	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54766	55.455	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234469	53.371	ug/l	100
94) Hexachlorobutadiene	13.79	225	113991	50.038	ug/l	99
95) Naphthalene	13.83	128	746608	51.186	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244282	53.828	ug/l	100

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

