

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005418.D
 Acq On : 18 Oct 2018 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 1:51:27 PM

Quant Time: Oct 19 03:42:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	268376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	394190	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	348863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	140491	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.50	113	115551	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
50) Toluene-d8	8.71	98	440234	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	167415	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107297	51.134	ug/l	98
3) Chloromethane	1.32	50	142270	46.791	ug/l	99
4) Vinyl Chloride	1.41	62	147193	47.789	ug/l	100
5) Bromomethane	1.64	94	91864	52.776	ug/l	97
6) Chloroethane	1.71	64	93415	51.494	ug/l	98
7) Trichlorofluoromethane	1.92	101	214625	52.216	ug/l	96
8) Diethyl Ether	2.19	74	89356	50.909	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	130221	54.891	ug/l	95
10) Methyl Iodide	2.51	142	145169	55.518	ug/l	99
11) Tert butyl alcohol	3.07	59	200964	239.184	ug/l	100
12) 1,1-Dichloroethene	2.37	96	119923	51.020	ug/l	98
13) Acrolein	2.29	56	168269	314.402	ug/l	97
14) Allyl chloride	2.73	41	257960	49.986	ug/l	96
15) Acrylonitrile	3.15	53	458354	240.736	ug/l	98
16) Acetone	2.45	43	482981	280.449	ug/l	97
17) Carbon Disulfide	2.57	76	333270	46.804	ug/l	99
18) Methyl Acetate	2.78	43	252549	51.545	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	441452	53.326	ug/l	97
20) Methylene Chloride	2.85	84	137940	55.104	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	129298	49.637	ug/l	95
22) Diisopropyl ether	3.87	45	468119	54.006	ug/l	95
23) Vinyl Acetate	3.82	43	2064975	272.565	ug/l	96
24) 1,1-Dichloroethane	3.70	63	256331	51.599	ug/l	98
25) 2-Butanone	4.70	43	627857	249.176	ug/l	95
26) 2,2-Dichloropropane	4.58	77	196399	52.863	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	139007	49.102	ug/l	95
28) Bromochloromethane	5.01	49	112648	49.742	ug/l	96
29) Tetrahydrofuran	5.15	42	374904	233.255	ug/l	94
30) Chloroform	5.21	83	232539	50.432	ug/l	99
31) Cyclohexane	5.57	56	205835	50.272	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	206200	51.395	ug/l	99
36) 1,1-Dichloropropene	5.80	75	175702	46.023	ug/l	99
37) Ethyl Acetate	4.85	43	214660	43.722	ug/l	98
38) Carbon Tetrachloride	5.78	117	183066	47.723	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212561	51.444	ug/l #	85
40) Benzene	6.14	78	514830	44.954	ug/l	100
41) Methacrylonitrile	5.06	41	121592	46.196	ug/l	96
42) 1,2-Dichloroethane	6.20	62	186311	46.073	ug/l	98
43) Isopropyl Acetate	6.46	43	329708	50.413	ug/l	98
44) Trichloroethene	7.21	130	148909	50.935	ug/l	91
45) 1,2-Dichloropropane	7.51	63	140687	50.080	ug/l	99
46) Dibromomethane	7.66	93	89476	48.258	ug/l	97
47) Bromodichloromethane	7.90	83	176550	51.478	ug/l	99
48) Methyl methacrylate	7.77	41	171779	50.642	ug/l	95
49) 1,4-Dioxane	7.76	88	77938	996.180	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1149841	253.913	ug/l	95
52) Toluene	8.79	92	331106	52.846	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	204595	55.124	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	219521	54.586	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	138826	52.313	ug/l	97
56) Ethyl methacrylate	9.18	69	216178	55.879	ug/l	97
57) 1,3-Dichloropropane	9.37	76	227825	51.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	666830	307.347	ug/l	96
59) 2-Hexanone	9.49	43	961205	263.869	ug/l	95
60) Dibromochloromethane	9.58	129	148409	54.102	ug/l	99
61) 1,2-Dibromoethane	9.67	107	143406	51.491	ug/l	100
64) Tetrachloroethene	9.33	164	148736	52.959	ug/l	100
65) Chlorobenzene	10.14	112	381807	51.451	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	141404	53.472	ug/l	99
67) Ethyl Benzene	10.25	91	648968	53.795	ug/l	97
68) m/p-Xylenes	10.36	106	511365	109.211	ug/l	96
69) o-Xylene	10.70	106	244168	54.070	ug/l	97
70) Styrene	10.71	104	413381	55.655	ug/l	98
71) Bromoform	10.86	173	127053	53.764	ug/l #	99
73) Isopropylbenzene	11.02	105	670042	55.070	ug/l	100
74) N-amyl acetate	10.90	43	308000	52.484	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	225427	49.115	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	213459m	53.767	ug/l	
77) Bromobenzene	11.26	156	181451	52.157	ug/l	99
78) n-propylbenzene	11.36	91	777984	55.565	ug/l	100
79) 2-Chlorotoluene	11.42	91	454274	52.977	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	578999	55.570	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	69327	53.059	ug/l	94
82) 4-Chlorotoluene	11.51	91	545804	53.695	ug/l	100
83) tert-Butylbenzene	11.77	119	581671	55.129	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	596685	55.648	ug/l	98
85) sec-Butylbenzene	11.94	105	701429	56.175	ug/l	99
86) p-Isopropyltoluene	12.07	119	640239	56.730	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	344036	52.922	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	345634	51.972	ug/l	99
89) n-Butylbenzene	12.39	91	577581	56.366	ug/l	98
90) Hexachloroethane	12.60	117	102620	52.761	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	343135	51.724	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53382	47.680	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	275229	56.549	ug/l	98
94) Hexachlorobutadiene	13.78	225	141967	55.228	ug/l	97
95) Naphthalene	13.83	128	789994	55.968	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274273	55.075	ug/l	99

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

