

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005676.D
 Acq On : 29 Oct 2018 22:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 10:51:12 AM

Quant Time: Oct 30 04:58:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	235641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176355	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	142450	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	5.51	113	119290	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	440724	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.14	95	166184	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	143379	61.645	ug/l	99
3) Chloromethane	1.32	50	158620	53.551	ug/l	93
4) Vinyl Chloride	1.41	62	171480	58.877	ug/l	96
5) Bromomethane	1.64	94	87622	48.349	ug/l	100
6) Chloroethane	1.71	64	98926	53.169	ug/l	93
7) Trichlorofluoromethane	1.93	101	212768	52.575	ug/l	95
8) Diethyl Ether	2.19	74	87936	54.448	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123125	53.026	ug/l	98
10) Methyl Iodide	2.51	142	139252	57.018	ug/l	95
11) Tert butyl alcohol	3.07	59	213842	276.266	ug/l	98
12) 1,1-Dichloroethene	2.37	96	119925	54.217	ug/l	95
13) Acrolein	2.29	56	88183	223.335	ug/l	99
14) Allyl chloride	2.73	41	252474	51.143	ug/l	98
15) Acrylonitrile	3.15	53	457672	263.681	ug/l	98
16) Acetone	2.45	43	400167	263.275	ug/l	96
17) Carbon Disulfide	2.57	76	338241	50.163	ug/l	100
18) Methyl Acetate	2.78	43	218049	58.314	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	423452	53.667	ug/l	98
20) Methylene Chloride	2.85	84	133807	52.563	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	125528	51.976	ug/l	95
22) Diisopropyl ether	3.87	45	457300	53.046	ug/l	89
23) Vinyl Acetate	3.82	43	2073451	273.095	ug/l	97
24) 1,1-Dichloroethane	3.70	63	245347	52.346	ug/l	99
25) 2-Butanone	4.70	43	648866	280.338	ug/l	100
26) 2,2-Dichloropropane	4.59	77	164348	45.418	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	139546	53.596	ug/l	98
28) Bromochloromethane	5.01	49	107893	47.595	ug/l	95
29) Tetrahydrofuran	5.16	42	395681	262.687	ug/l	96
30) Chloroform	5.21	83	225269	51.382	ug/l	95
31) Cyclohexane	5.57	56	205724	53.049	ug/l	# 75
32) 1,1,1-Trichloroethane	5.50	97	199163	51.469	ug/l	98
36) 1,1-Dichloropropene	5.80	75	175900	49.709	ug/l	98
37) Ethyl Acetate	4.86	43	229673	50.863	ug/l	99
38) Carbon Tetrachloride	5.78	117	175712	47.146	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196666	50.331	ug/l	99
40) Benzene	6.13	78	503508	49.637	ug/l	100
41) Methacrylonitrile	5.06	41	123051	48.921	ug/l	97
42) 1,2-Dichloroethane	6.20	62	176730	45.862	ug/l	98
43) Isopropyl Acetate	6.46	43	334742	49.470	ug/l	96
44) Trichloroethene	7.22	130	140212	50.738	ug/l	76
45) 1,2-Dichloropropane	7.52	63	134542	49.334	ug/l	99
46) Dibromomethane	7.66	93	85283	48.418	ug/l	97
47) Bromodichloromethane	7.90	83	163810	47.917	ug/l	99
48) Methyl methacrylate	7.77	41	168510	51.119	ug/l	97
49) 1,4-Dioxane	7.75	88	75054	1041.862	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1128837	248.227	ug/l	99
52) Toluene	8.79	92	308504	50.042	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	184332	49.891	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	200118	50.308	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	126269	48.581	ug/l	98
56) Ethyl methacrylate	9.18	69	205643	53.043	ug/l	96
57) 1,3-Dichloropropane	9.37	76	214334	48.736	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	512133	236.522	ug/l	99
59) 2-Hexanone	9.49	43	892792	248.997	ug/l	98
60) Dibromochloromethane	9.59	129	135571	49.993	ug/l	98
61) 1,2-Dibromoethane	9.67	107	133226	49.546	ug/l	100
64) Tetrachloroethene	9.34	164	135913	51.587	ug/l	98
65) Chlorobenzene	10.14	112	345738	51.158	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126694	51.412	ug/l	98
67) Ethyl Benzene	10.25	91	596077	53.608	ug/l	99
68) m/p-Xylenes	10.36	106	462135	107.125	ug/l	99
69) o-Xylene	10.70	106	222173	54.741	ug/l	99
70) Styrene	10.71	104	374994	55.192	ug/l	99
71) Bromoform	10.86	173	112981	51.379	ug/l #	99
73) Isopropylbenzene	11.02	105	608232	56.421	ug/l	99
74) N-amyl acetate	10.90	43	298331	55.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	207517	52.177	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	197169m	52.768	ug/l	
77) Bromobenzene	11.26	156	161560	53.775	ug/l	98
78) n-propylbenzene	11.36	91	696049	56.466	ug/l	100
79) 2-Chlorotoluene	11.42	91	416016	54.431	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	515322	55.880	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	60519	52.923	ug/l	95
82) 4-Chlorotoluene	11.51	91	487671	54.111	ug/l	99
83) tert-Butylbenzene	11.77	119	514420	55.961	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	532326	56.955	ug/l	100
85) sec-Butylbenzene	11.94	105	616898	56.240	ug/l	100
86) p-Isopropyltoluene	12.07	119	555621	56.664	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	297981	52.744	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	300384	50.937	ug/l	100
89) n-Butylbenzene	12.39	91	483349	54.602	ug/l	99
90) Hexachloroethane	12.60	117	92325	54.591	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	301729	52.788	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51333	53.381	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	226111	54.571	ug/l	100
94) Hexachlorobutadiene	13.79	225	107310	49.976	ug/l	97
95) Naphthalene	13.83	128	703310	58.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	229844	54.722	ug/l	100

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

