

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005626.D
 Acq On : 27 Oct 2018 01:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:41:58 PM

Quant Time: Oct 27 06:30:33 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	5.67	168	240873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168018	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130833	44.50	ug/l	0.00
Spiked Amount			Recovery	=	89.00%	
35) Dibromofluoromethane	5.51	113	110934	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	386249	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.14	95	145515	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	129118	54.308	ug/l	99
3) Chloromethane	1.32	50	152616	50.405	ug/l	93
4) Vinyl Chloride	1.41	62	152910	51.361	ug/l	89
5) Bromomethane	1.64	94	86492	46.689	ug/l	98
6) Chloroethane	1.71	64	83421	43.862	ug/l	99
7) Trichlorofluoromethane	1.92	101	192363	46.500	ug/l	96
8) Diethyl Ether	2.19	74	77316	46.832	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115214	48.541	ug/l	98
10) Methyl Iodide	2.51	142	126253	50.881	ug/l	100
11) Tert butyl alcohol	3.07	59	190722	241.045	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104229	46.097	ug/l	97
13) Acrolein	2.29	56	84726	209.919	ug/l	99
14) Allyl chloride	2.73	41	232407	46.055	ug/l	98
15) Acrylonitrile	3.15	53	406050	228.859	ug/l	98
16) Acetone	2.45	43	369387	237.746	ug/l	99
17) Carbon Disulfide	2.57	76	311434	45.184	ug/l	100
18) Methyl Acetate	2.78	43	199817	52.121	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	378382	46.913	ug/l	94
20) Methylene Chloride	2.85	84	116013	44.583	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	108522	43.958	ug/l	90
22) Diisopropyl ether	3.87	45	398335	45.202	ug/l	# 95
23) Vinyl Acetate	3.82	43	1806851	232.812	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216219	45.130	ug/l	99
25) 2-Butanone	4.70	43	553882	234.103	ug/l	91
26) 2,2-Dichloropropane	4.57	77	139429	37.695	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	120071	45.114	ug/l	99
28) Bromochloromethane	5.02	49	109349	47.189	ug/l	98
29) Tetrahydrofuran	5.15	42	370600	240.692	ug/l	99
30) Chloroform	5.22	83	202354	45.153	ug/l	90
31) Cyclohexane	5.57	56	190217	47.985	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	179471	45.373	ug/l	99
36) 1,1-Dichloropropene	5.79	75	158203	50.036	ug/l	97
37) Ethyl Acetate	4.85	43	214110	53.067	ug/l	99
38) Carbon Tetrachloride	5.78	117	158080	47.470	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171031	48.987	ug/l	99
40) Benzene	6.15	78	465491	51.359	ug/l	96
41) Methacrylonitrile	5.06	41	120011	53.399	ug/l	96
42) 1,2-Dichloroethane	6.20	62	163676	47.537	ug/l	100
43) Isopropyl Acetate	6.45	43	309718	51.227	ug/l	99
44) Trichloroethene	7.21	130	121918	49.377	ug/l	95
45) 1,2-Dichloropropane	7.52	63	119794	49.161	ug/l	97
46) Dibromomethane	7.66	93	75498	47.971	ug/l	99
47) Bromodichloromethane	7.90	83	147865	48.408	ug/l	98
48) Methyl methacrylate	7.77	41	151677	51.496	ug/l	100
49) 1,4-Dioxane	7.75	88	64795	1006.654	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1028483	253.115	ug/l	98
52) Toluene	8.79	92	273650	49.679	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	161603	48.952	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	176857	49.759	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	113253	48.766	ug/l	95
56) Ethyl methacrylate	9.18	69	180607	52.138	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189475	48.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	473860	244.929	ug/l	100
59) 2-Hexanone	9.49	43	816387	254.826	ug/l	99
60) Dibromochloromethane	9.59	129	121063	49.964	ug/l	99
61) 1,2-Dibromoethane	9.67	107	119475	49.728	ug/l	100
64) Tetrachloroethene	9.34	164	123236	50.281	ug/l	99
65) Chlorobenzene	10.14	112	308040	48.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	113818	49.649	ug/l	99
67) Ethyl Benzene	10.25	91	529981	51.235	ug/l	100
68) m/p-Xylenes	10.36	106	411315	102.490	ug/l	100
69) o-Xylene	10.70	106	197984	52.436	ug/l	100
70) Styrene	10.71	104	333141	52.707	ug/l	100
71) Bromoform	10.86	173	101326	49.532	ug/l	99
73) Isopropylbenzene	11.02	105	538998	52.479	ug/l	99
74) N-amyl acetate	10.90	43	267273	52.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184463	48.682	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	177002m	49.721	ug/l	
77) Bromobenzene	11.26	156	144681	50.547	ug/l	98
78) n-propylbenzene	11.36	91	623167	53.062	ug/l	100
79) 2-Chlorotoluene	11.42	91	369857	50.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	460773	52.444	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53110	48.748	ug/l	96
82) 4-Chlorotoluene	11.51	91	437150	50.913	ug/l	100
83) tert-Butylbenzene	11.77	119	455177	51.973	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	479432	53.841	ug/l	100
85) sec-Butylbenzene	11.94	105	550641	52.691	ug/l	100
86) p-Isopropyltoluene	12.07	119	500201	53.543	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	265989	49.417	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	270320	48.113	ug/l	100
89) n-Butylbenzene	12.39	91	438774	52.026	ug/l	100
90) Hexachloroethane	12.60	117	80849	50.178	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	267411	49.105	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46153	50.375	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	201597	51.069	ug/l	99
94) Hexachlorobutadiene	13.79	225	95443	46.655	ug/l	99
95) Naphthalene	13.83	128	631603	55.043	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	207868	51.946	ug/l	100

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

