

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013037.D
 Acq On : 14 Oct 2019 09:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/15/2019 11:04:14 AM

Quant Time: Oct 15 01:40:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	200906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118794	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	
35) Dibromofluoromethane	5.48	113	96429	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
50) Toluene-d8	8.71	98	362288	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	11.14	95	141528	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	93249	45.534	ug/l	100
3) Chloromethane	1.31	50	94815	42.542	ug/l	96
4) Vinyl Chloride	1.40	62	97255	42.278	ug/l	98
5) Bromomethane	1.62	94	38650	40.419	ug/l	100
6) Chloroethane	1.71	64	61016	43.471	ug/l	97
7) Trichlorofluoromethane	1.92	101	148721	47.900	ug/l	100
8) Diethyl Ether	2.18	74	56094	44.759	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97094	48.319	ug/l	99
10) Methyl Iodide	2.50	142	103306	45.849	ug/l	100
11) Tert butyl alcohol	3.03	59	120721	181.355	ug/l	100
12) 1,1-Dichloroethene	2.36	96	91837	45.234	ug/l	96
13) Acrolein	2.28	56	83775	177.093	ug/l	98
14) Allyl chloride	2.72	41	161827	44.758	ug/l	99
15) Acrylonitrile	3.13	53	273433	216.756	ug/l	99
16) Acetone	2.43	43	280082	211.609	ug/l	98
17) Carbon Disulfide	2.56	76	237504	41.026	ug/l	100
18) Methyl Acetate	2.76	43	129966	41.427	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	326427	46.558	ug/l	99
20) Methylene Chloride	2.84	84	107678	44.267	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	98498	45.264	ug/l	97
22) Diisopropyl ether	3.84	45	319582	46.128	ug/l #	89
23) Vinyl Acetate	3.80	43	1373508	229.649	ug/l	100
24) 1,1-Dichloroethane	3.69	63	181762	46.634	ug/l	99
25) 2-Butanone	4.65	43	399055	217.316	ug/l	100
26) 2,2-Dichloropropane	4.57	77	161946	49.411	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	114646	45.707	ug/l	99
28) Bromochloromethane	5.00	49	58330	50.077	ug/l	98
29) Tetrahydrofuran	5.11	42	232618	205.859	ug/l	98
30) Chloroform	5.20	83	182143	45.544	ug/l	98
31) Cyclohexane	5.56	56	164029	45.007	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	162331	47.905	ug/l	99
36) 1,1-Dichloropropene	5.79	75	138254	48.678	ug/l	99
37) Ethyl Acetate	4.81	43	139514	43.929	ug/l	100
38) Carbon Tetrachloride	5.77	117	139654	50.517	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	174660	50.709	ug/l	99
40) Benzene	6.13	78	404483	48.218	ug/l	100
41) Methacrylonitrile	5.03	41	78666	45.078	ug/l	98
42) 1,2-Dichloroethane	6.18	62	146242	48.584	ug/l	100
43) Isopropyl Acetate	6.43	43	237685	46.629	ug/l	99
44) Trichloroethene	7.20	130	109399	47.030	ug/l	91
45) 1,2-Dichloropropane	7.50	63	103773	48.538	ug/l	99
46) Dibromomethane	7.65	93	70219	49.296	ug/l	99
47) Bromodichloromethane	7.89	83	142429	51.237	ug/l	98
48) Methyl methacrylate	7.76	41	115028	46.307	ug/l	100
49) 1,4-Dioxane	7.73	88	52868	800.359	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	720264	226.633	ug/l	99
52) Toluene	8.78	92	261272	48.685	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	160440	46.411	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	174305	50.983	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	104161	49.044	ug/l	99
56) Ethyl methacrylate	9.17	69	168267	44.456	ug/l	100
57) 1,3-Dichloropropane	9.37	76	174966	47.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	390243	250.124	ug/l	99
59) 2-Hexanone	9.48	43	607100	245.397	ug/l	100
60) Dibromochloromethane	9.57	129	110513	46.880	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109139	48.850	ug/l	99
64) Tetrachloroethene	9.33	164	107298	53.293	ug/l	98
65) Chlorobenzene	10.14	112	278268	48.273	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102806	51.437	ug/l	98
67) Ethyl Benzene	10.25	91	504158	49.237	ug/l	99
68) m/p-Xylenes	10.35	106	384438	100.501	ug/l	100
69) o-Xylene	10.70	106	186582	50.018	ug/l	97
70) Styrene	10.71	104	324714	51.205	ug/l	100
71) Bromoform	10.85	173	77641	45.876	ug/l	100
73) Isopropylbenzene	11.01	105	505729	48.473	ug/l	100
74) N-amyl acetate	10.89	43	213465	47.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	155687	44.866	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	132331m	42.044	ug/l	
77) Bromobenzene	11.25	156	115556	47.002	ug/l	97
78) n-propylbenzene	11.35	91	562499	48.997	ug/l	99
79) 2-Chlorotoluene	11.42	91	339667	47.078	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	431049	49.479	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	55377	45.632	ug/l	95
82) 4-Chlorotoluene	11.51	91	394986	47.762	ug/l	99
83) tert-Butylbenzene	11.76	119	406082	47.785	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	432091	48.973	ug/l	99
85) sec-Butylbenzene	11.94	105	495030	50.280	ug/l	98
86) p-Isopropyltoluene	12.06	119	456240	49.965	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	219260	48.025	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	219882	47.554	ug/l	100
89) n-Butylbenzene	12.39	91	402181	52.406	ug/l	99
90) Hexachloroethane	12.59	117	81270	48.137	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	215876	48.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38048	46.781	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146102	52.109	ug/l	99
94) Hexachlorobutadiene	13.78	225	65392	50.537	ug/l	98
95) Naphthalene	13.83	128	469561	48.312	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	139889	48.281	ug/l	99

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

