

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012982.D
 Acq On : 10 Oct 2019 09:31
 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
 10/14/2019 1:04:38 PM

Quant Time: Oct 11 04:57:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	299783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127465	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	109765	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.48	113	85319	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	330317	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	129416	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	100094	54.039	ug/l	99
3) Chloromethane	1.32	50	102849	51.020	ug/l	97
4) Vinyl Chloride	1.40	62	104738	50.339	ug/l	99
5) Bromomethane	1.63	94	40122	46.389	ug/l	96
6) Chloroethane	1.71	64	66283	52.137	ug/l	100
7) Trichlorofluoromethane	1.92	101	150522	53.599	ug/l	96
8) Diethyl Ether	2.18	74	57996	51.164	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91236	50.198	ug/l	99
10) Methyl Iodide	2.50	142	100186	48.793	ug/l	98
11) Tert butyl alcohol	3.03	59	130687	217.059	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85984	46.824	ug/l	97
13) Acrolein	2.28	56	82475	192.756	ug/l	100
14) Allyl chloride	2.72	41	167606	51.252	ug/l	98
15) Acrylonitrile	3.13	53	283249	248.250	ug/l	100
16) Acetone	2.43	43	361505	301.969	ug/l	99
17) Carbon Disulfide	2.56	76	251119	47.959	ug/l	99
18) Methyl Acetate	2.76	43	134982	47.569	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	329826	52.011	ug/l	98
20) Methylene Chloride	2.84	84	106672	48.484	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	101517	51.578	ug/l	97
22) Diisopropyl ether	3.84	45	326202	52.056	ug/l #	89
23) Vinyl Acetate	3.80	43	1420147	262.522	ug/l	100
24) 1,1-Dichloroethane	3.68	63	183686	52.105	ug/l	99
25) 2-Butanone	4.65	43	446454	268.804	ug/l	98
26) 2,2-Dichloropropane	4.56	77	157337	53.074	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	116125	51.185	ug/l	99
28) Bromochloromethane	5.00	49	56824	53.971	ug/l	98
29) Tetrahydrofuran	5.11	42	249263	243.884	ug/l	99
30) Chloroform	5.20	83	185083	51.166	ug/l	97
31) Cyclohexane	5.56	56	171305	51.967	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	162334	52.965	ug/l	99
36) 1,1-Dichloropropene	5.79	75	139439	52.904	ug/l	99
37) Ethyl Acetate	4.81	43	148356	50.337	ug/l	99
38) Carbon Tetrachloride	5.77	117	137858	53.736	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	179218	56.069	ug/l	97
40) Benzene	6.13	78	415803	53.413	ug/l	98
41) Methacrylonitrile	5.02	41	82139	50.720	ug/l	99
42) 1,2-Dichloroethane	6.18	62	148095	53.017	ug/l	99
43) Isopropyl Acetate	6.43	43	245585	51.916	ug/l	100
44) Trichloroethene	7.20	130	108885	50.440	ug/l	94
45) 1,2-Dichloropropane	7.50	63	105839	53.345	ug/l	98
46) Dibromomethane	7.65	93	70105	53.034	ug/l	99
47) Bromodichloromethane	7.89	83	141092	54.694	ug/l	97
48) Methyl methacrylate	7.76	41	118827	51.548	ug/l	99
49) 1,4-Dioxane	7.73	88	59507	963.287	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	758164	257.066	ug/l	100
52) Toluene	8.78	92	264011	53.012	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	159426	49.542	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	173721	54.754	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	105281	53.418	ug/l	98
56) Ethyl methacrylate	9.17	69	171457	48.633	ug/l	100
57) 1,3-Dichloropropane	9.36	76	177479	52.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	377596	260.795	ug/l	100
59) 2-Hexanone	9.48	43	623850	271.731	ug/l	99
60) Dibromochloromethane	9.57	129	106768	48.729	ug/l	100
61) 1,2-Dibromoethane	9.67	107	109925	53.020	ug/l	99
64) Tetrachloroethene	9.33	164	100685	53.222	ug/l	95
65) Chlorobenzene	10.13	112	277448	51.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99865	53.177	ug/l	98
67) Ethyl Benzene	10.25	91	511602	53.176	ug/l	98
68) m/p-Xylenes	10.36	106	389348	108.326	ug/l	99
69) o-Xylene	10.70	106	187178	53.403	ug/l	99
70) Styrene	10.71	104	323616	54.311	ug/l	100
71) Bromoform	10.85	173	72617	45.679	ug/l #	100
73) Isopropylbenzene	11.01	105	505037	53.891	ug/l	100
74) N-amyl acetate	10.89	43	215139	53.304	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	161348	51.765	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137052m	48.477	ug/l	
77) Bromobenzene	11.25	156	116715	52.851	ug/l	95
78) n-propylbenzene	11.35	91	576622	55.917	ug/l	98
79) 2-Chlorotoluene	11.42	91	343286	52.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	423496	54.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52758	48.151	ug/l	99
82) 4-Chlorotoluene	11.51	91	406810	54.765	ug/l	99
83) tert-Butylbenzene	11.76	119	406520	53.255	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	435413	54.941	ug/l	99
85) sec-Butylbenzene	11.94	105	485174	54.861	ug/l	99
86) p-Isopropyltoluene	12.06	119	450236	54.894	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216640	52.827	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	213321	51.362	ug/l	99
89) n-Butylbenzene	12.38	91	397321	57.638	ug/l	100
90) Hexachloroethane	12.59	117	75185	49.514	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	211479	52.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39474	54.032	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	135968	53.988	ug/l	98
94) Hexachlorobutadiene	13.78	225	64209	55.244	ug/l	99
95) Naphthalene	13.83	128	460176	52.710	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	137078	52.670	ug/l	99

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

