

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013035.D
 Acq On : 11 Oct 2019 22:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 10:39:50 AM

Quant Time: Oct 12 02:19:21 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	157119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115835	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108015	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
35) Dibromofluoromethane	5.49	113	85009	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
50) Toluene-d8	8.71	98	326026	54.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.64%	
62) 4-Bromofluorobenzene	11.14	95	128525	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	85604	53.451	ug/l	100
3) Chloromethane	1.32	50	92496	53.068	ug/l	98
4) Vinyl Chloride	1.40	62	95344	52.998	ug/l	99
5) Bromomethane	1.63	94	37812	50.562	ug/l	99
6) Chloroethane	1.71	64	58728	53.417	ug/l	100
7) Trichlorofluoromethane	1.92	101	136393	56.171	ug/l	98
8) Diethyl Ether	2.18	74	53706	54.796	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86267	54.895	ug/l	99
10) Methyl Iodide	2.50	142	97264	54.162	ug/l	100
11) Tert butyl alcohol	3.04	59	121347	233.099	ug/l	100
12) 1,1-Dichloroethene	2.36	96	87584	55.162	ug/l	95
13) Acrolein	2.28	56	87863	237.496	ug/l	98
14) Allyl chloride	2.72	41	152990	54.106	ug/l	98
15) Acrylonitrile	3.13	53	276561	280.334	ug/l	100
16) Acetone	2.44	43	228686	220.929	ug/l	98
17) Carbon Disulfide	2.56	76	221425	48.908	ug/l	99
18) Methyl Acetate	2.76	43	158454	64.583	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	320630	58.476	ug/l	98
20) Methylene Chloride	2.84	84	102757	54.016	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	93470	54.924	ug/l	94
22) Diisopropyl ether	3.84	45	308962	57.023	ug/l	92
23) Vinyl Acetate	3.80	43	1265491	270.556	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173735	56.997	ug/l	98
25) 2-Butanone	4.66	43	374177	260.555	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124377	48.524	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	108421	55.271	ug/l	98
28) Bromochloromethane	5.00	49	52767	57.997	ug/l	100
29) Tetrahydrofuran	5.12	42	242320	274.207	ug/l	99
30) Chloroform	5.20	83	175304	56.050	ug/l	97
31) Cyclohexane	5.57	56	154846	54.327	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	152703	57.622	ug/l	99
36) 1,1-Dichloropropene	5.79	75	130983	56.072	ug/l	99
37) Ethyl Acetate	4.82	43	143632	54.988	ug/l	99
38) Carbon Tetrachloride	5.78	117	128183	56.376	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157895	55.736	ug/l	100
40) Benzene	6.14	78	394734	57.213	ug/l	99
41) Methacrylonitrile	5.03	41	78926	54.989	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141982	57.351	ug/l	100
43) Isopropyl Acetate	6.43	43	234608	55.960	ug/l	99
44) Trichloroethene	7.21	130	105692	55.244	ug/l	97
45) 1,2-Dichloropropane	7.51	63	101775	57.879	ug/l	98
46) Dibromomethane	7.65	93	68042	58.078	ug/l	98
47) Bromodichloromethane	7.89	83	132778	58.075	ug/l	97
48) Methyl methacrylate	7.76	41	113677	55.641	ug/l	99
49) 1,4-Dioxane	7.73	88	50423	922.510	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	743661	284.502	ug/l	99
52) Toluene	8.78	92	249386	56.500	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145343	50.899	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	161106	57.293	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100813	57.714	ug/l	95
56) Ethyl methacrylate	9.17	69	166618	53.148	ug/l	99
57) 1,3-Dichloropropane	9.37	76	171215	56.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	376785	293.625	ug/l	98
59) 2-Hexanone	9.49	43	566072	278.201	ug/l	99
60) Dibromochloromethane	9.58	129	103789	53.267	ug/l	98
61) 1,2-Dibromoethane	9.67	107	105812	57.584	ug/l	100
64) Tetrachloroethene	9.33	164	103666	61.198	ug/l	97
65) Chlorobenzene	10.14	112	264093	54.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96239	57.231	ug/l	99
67) Ethyl Benzene	10.25	91	483406	56.113	ug/l	99
68) m/p-Xylenes	10.36	106	362272	112.564	ug/l	100
69) o-Xylene	10.70	106	177373	56.516	ug/l	99
70) Styrene	10.71	104	308316	57.786	ug/l	99
71) Bromoform	10.85	173	70349	49.164	ug/l #	100
73) Isopropylbenzene	11.01	105	474197	55.680	ug/l	98
74) N-amyl acetate	10.89	43	201637	54.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145757	51.458	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	142026m	55.280	ug/l	
77) Bromobenzene	11.25	156	111410	55.514	ug/l	98
78) n-propylbenzene	11.35	91	523961	55.912	ug/l	97
79) 2-Chlorotoluene	11.42	91	322201	54.708	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	404897	56.938	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46283	46.624	ug/l	100
82) 4-Chlorotoluene	11.51	91	377392	55.906	ug/l	100
83) tert-Butylbenzene	11.76	119	372894	53.755	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	405711	56.333	ug/l	100
85) sec-Butylbenzene	11.94	105	441792	54.972	ug/l	100
86) p-Isopropyltoluene	12.06	119	412306	55.316	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	202491	54.334	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	200013	52.993	ug/l	99
89) n-Butylbenzene	12.39	91	355670	56.776	ug/l	100
90) Hexachloroethane	12.59	117	70571	51.072	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	204195	55.889	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38475	57.952	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124821	54.538	ug/l	97
94) Hexachlorobutadiene	13.78	225	55811	52.840	ug/l	99
95) Naphthalene	13.83	128	471542	59.435	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	129432	54.726	ug/l	99

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

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