

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110619\
 Data File : VX013336.D
 Acq On : 06 Nov 2019 11:55
 Operator : JC/SP
 Sample : VX1106WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 9:17:06 AM

Quant Time: Nov 07 02:31:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	730082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1107911	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	994180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	487766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	419947	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.48	113	341275	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	1313820	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	459949	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	162320	19.296	ug/l	100
3) Chloromethane	1.31	50	176538	19.352	ug/l	96
4) Vinyl Chloride	1.40	62	206659	19.899	ug/l	97
5) Bromomethane	1.63	94	120043	16.587	ug/l	98
6) Chloroethane	1.72	64	116234	18.837	ug/l	98
7) Trichlorofluoromethane	1.92	101	222920	18.168	ug/l	98
8) Diethyl Ether	2.18	74	100573	18.536	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136223	19.919	ug/l	98
10) Methyl Iodide	2.50	142	147175	17.382	ug/l	96
11) Tert butyl alcohol	3.03	59	194328	85.243	ug/l	97
12) 1,1-Dichloroethene	2.36	96	136145	20.329	ug/l	99
13) Acrolein	2.28	56	97005	78.513	ug/l	98
14) Allyl chloride	2.72	41	243029	19.973	ug/l	96
15) Acrylonitrile	3.12	53	422302	99.169	ug/l	97
16) Acetone	2.43	43	412814	95.688	ug/l	99
17) Carbon Disulfide	2.56	76	344078	19.196	ug/l	98
18) Methyl Acetate	2.76	43	237591	19.948	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	452210	20.245	ug/l	99
20) Methylene Chloride	2.84	84	152980	19.192	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	142754	19.578	ug/l	94
22) Diisopropyl ether	3.84	45	481079	20.479	ug/l	89
23) Vinyl Acetate	3.80	43	1987007	98.847	ug/l	99
24) 1,1-Dichloroethane	3.69	63	265843	20.229	ug/l	97
25) 2-Butanone	4.65	43	607003	95.909	ug/l	100
26) 2,2-Dichloropropane	4.57	77	211657	20.246	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	165489	20.260	ug/l	98
28) Bromochloromethane	5.00	49	83947	22.498	ug/l	99
29) Tetrahydrofuran	5.11	42	382281	98.017	ug/l	99
30) Chloroform	5.20	83	258864	19.949	ug/l	98
31) Cyclohexane	5.57	56	229548	19.412	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	223296	19.995	ug/l	99
36) 1,1-Dichloropropene	5.79	75	191098	20.106	ug/l	99
37) Ethyl Acetate	4.81	43	231205	19.686	ug/l	99
38) Carbon Tetrachloride	5.77	117	188212	20.250	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	235333	19.871	ug/l	98
40) Benzene	6.13	78	598051	20.200	ug/l	97
41) Methacrylonitrile	5.03	41	126201	19.172	ug/l	97
42) 1,2-Dichloroethane	6.18	62	217561	20.373	ug/l	99
43) Isopropyl Acetate	6.43	43	361011	19.740	ug/l	99
44) Trichloroethene	7.20	130	157307	19.302	ug/l	97
45) 1,2-Dichloropropane	7.51	63	153376	20.332	ug/l	97
46) Dibromomethane	7.65	93	99745	19.366	ug/l	98
47) Bromodichloromethane	7.89	83	197607	20.346	ug/l	93
48) Methyl methacrylate	7.76	41	179670	19.681	ug/l	97
49) 1,4-Dioxane	7.73	88	77960	372.900	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1154855	96.249	ug/l	99
52) Toluene	8.78	92	379121	20.661	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	215745	20.314	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	236529	19.910	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	154098	20.261	ug/l	99
56) Ethyl methacrylate	9.17	69	239494	19.431	ug/l	98
57) 1,3-Dichloropropane	9.37	76	260207	20.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	501428	96.420	ug/l	99
59) 2-Hexanone	9.48	43	906364	97.750	ug/l	100
60) Dibromochloromethane	9.57	129	158620	20.392	ug/l	99
61) 1,2-Dibromoethane	9.67	107	160277	19.845	ug/l	99
64) Tetrachloroethene	9.33	164	144958	20.368	ug/l	96
65) Chlorobenzene	10.14	112	410655	20.403	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	149653	20.250	ug/l	99
67) Ethyl Benzene	10.25	91	712969	20.524	ug/l	99
68) m/p-Xylenes	10.35	106	540708	41.157	ug/l	99
69) o-Xylene	10.70	106	259969	20.212	ug/l	99
70) Styrene	10.71	104	440367	20.482	ug/l	99
71) Bromoform	10.85	173	120111	19.608	ug/l #	99
73) Isopropylbenzene	11.01	105	691970	21.397	ug/l	100
74) N-amyl acetate	10.89	43	313985	20.937	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	243167	20.611	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	198845m	20.071	ug/l	
77) Bromobenzene	11.25	156	181233	21.021	ug/l	97
78) n-propylbenzene	11.35	91	776198	21.546	ug/l	100
79) 2-Chlorotoluene	11.42	91	462131	21.292	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	586706	21.781	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	75365	19.581	ug/l	98
82) 4-Chlorotoluene	11.51	91	528685	20.808	ug/l	99
83) tert-Butylbenzene	11.76	119	576468	21.259	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	585742	21.677	ug/l	99
85) sec-Butylbenzene	11.94	105	662090	21.245	ug/l	100
86) p-Isopropyltoluene	12.06	119	608765	21.214	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314929	20.493	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	318098	20.316	ug/l	99
89) n-Butylbenzene	12.39	91	510765	20.398	ug/l	99
90) Hexachloroethane	12.59	117	105089	20.553	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	320725	20.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	53861	18.738	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	213742	19.947	ug/l	98
94) Hexachlorobutadiene	13.78	225	100499	19.171	ug/l	99
95) Naphthalene	13.83	128	693179	20.619	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	216810	20.176	ug/l	100

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

