

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080619\
 Data File : VX011348.D
 Acq On : 06 Aug 2019 13:04
 Operator : JC/SP
 Sample : VX0806WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2019 11:25:41 AM

Quant Time: Aug 07 01:42:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	235547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	219146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115206	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	87519	54.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.54%	
35) Dibromofluoromethane	5.49	113	76974	50.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.10%	
50) Toluene-d8	8.71	98	294088	50.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	104862	50.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	22615	18.284	ug/l	97
3) Chloromethane	1.32	50	26678	19.208	ug/l	100
4) Vinyl Chloride	1.40	62	28579	18.706	ug/l	99
5) Bromomethane	1.63	94	21124	19.386	ug/l	96
6) Chloroethane	1.71	64	19047	18.486	ug/l	97
7) Trichlorofluoromethane	1.92	101	51318	18.891	ug/l	100
8) Diethyl Ether	2.18	74	18160	18.722	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27928	19.000	ug/l	99
10) Methyl Iodide	2.50	142	32075	17.309	ug/l	99
11) Tert butyl alcohol	3.04	59	32615	101.432	ug/l	99
12) 1,1-Dichloroethene	2.37	96	26453	18.155	ug/l	88
13) Acrolein	2.29	56	13822	68.855	ug/l	99
14) Allyl chloride	2.72	41	39164	20.162	ug/l	96
15) Acrylonitrile	3.14	53	77948	101.572	ug/l	98
16) Acetone	2.43	43	77030	100.349	ug/l	96
17) Carbon Disulfide	2.56	76	59335	17.354	ug/l	98
18) Methyl Acetate	2.76	43	35520	20.248	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	86654	20.181	ug/l	97
20) Methylene Chloride	2.85	84	31083	18.489	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	29430	19.094	ug/l	99
22) Diisopropyl ether	3.85	45	83822	19.635	ug/l	98
23) Vinyl Acetate	3.81	43	360374	101.777	ug/l	99
24) 1,1-Dichloroethane	3.69	63	49113	19.510	ug/l	99
25) 2-Butanone	4.67	43	110874	101.538	ug/l	97
26) 2,2-Dichloropropane	4.58	77	38703	19.778	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	33768	19.021	ug/l	99
28) Bromochloromethane	5.01	49	22623	19.713	ug/l	94
29) Tetrahydrofuran	5.12	42	69140	103.268	ug/l	99
30) Chloroform	5.21	83	54254	19.830	ug/l	92
31) Cyclohexane	5.57	56	37726	18.165	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	45334	19.342	ug/l	98
36) 1,1-Dichloropropene	5.80	75	38879	18.905	ug/l	98
37) Ethyl Acetate	4.83	43	39962	19.372	ug/l	98
38) Carbon Tetrachloride	5.78	117	39012	18.855	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	43507	17.848	ug/l	97
40) Benzene	6.14	78	117563	19.157	ug/l	99
41) Methacrylonitrile	5.03	41	22237	19.738	ug/l	96
42) 1,2-Dichloroethane	6.19	62	42523	20.491	ug/l	97
43) Isopropyl Acetate	6.44	43	63376	19.216	ug/l	99
44) Trichloroethene	7.21	130	34637	18.647	ug/l	95
45) 1,2-Dichloropropane	7.51	63	30645	19.282	ug/l	98
46) Dibromomethane	7.66	93	21488	18.520	ug/l	98
47) Bromodichloromethane	7.90	83	37633	19.158	ug/l	98
48) Methyl methacrylate	7.77	41	30942	19.935	ug/l	98
49) 1,4-Dioxane	7.73	88	16797	373.292	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	217948	102.398	ug/l	98
52) Toluene	8.78	92	77953	19.212	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	38837	18.851	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	44122	19.228	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	32061	19.218	ug/l	99
56) Ethyl methacrylate	9.18	69	46738	19.659	ug/l	99
57) 1,3-Dichloropropane	9.37	76	51039	19.345	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	116433	99.606	ug/l	99
59) 2-Hexanone	9.49	43	170745	103.569	ug/l	97
60) Dibromochloromethane	9.58	129	30839	18.056	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34125	18.933	ug/l	98
64) Tetrachloroethene	9.34	164	34398	18.483	ug/l	97
65) Chlorobenzene	10.13	112	87741	18.673	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	29898	18.586	ug/l	98
67) Ethyl Benzene	10.25	91	149748	19.029	ug/l	98
68) m/p-Xylenes	10.35	106	114999	37.781	ug/l	98
69) o-Xylene	10.69	106	57156	19.111	ug/l	98
70) Styrene	10.71	104	92973	18.788	ug/l	97
71) Bromoform	10.85	173	22695	17.720	ug/l #	100
73) Isopropylbenzene	11.02	105	151358	19.210	ug/l	99
74) N-amyl acetate	10.90	43	56183	19.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	49434	18.827	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	42437m	20.227	ug/l	
77) Bromobenzene	11.25	156	40551	18.560	ug/l	96
78) n-propylbenzene	11.36	91	167597	19.127	ug/l	100
79) 2-Chlorotoluene	11.42	91	98516	18.864	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	126897	19.239	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12139	18.579	ug/l	90
82) 4-Chlorotoluene	11.51	91	116450	19.133	ug/l	98
83) tert-Butylbenzene	11.77	119	124653	19.269	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	128189	19.520	ug/l	99
85) sec-Butylbenzene	11.94	105	149233	19.201	ug/l	100
86) p-Isopropyltoluene	12.06	119	135145	18.901	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	74238	19.230	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	73265	18.405	ug/l	96
89) n-Butylbenzene	12.38	91	117239	19.032	ug/l	100
90) Hexachloroethane	12.59	117	18791	17.776	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	72413	18.668	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	10392	20.428	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50464	19.617	ug/l	99
94) Hexachlorobutadiene	13.78	225	24226	18.562	ug/l	97
95) Naphthalene	13.83	128	158535	21.074	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	50771	19.414	ug/l	98

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

