

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011385.D
 Acq On : 08 Aug 2019 12:32
 Operator : JC/SP
 Sample : VX0808WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 11:08:11 AM

Quant Time: Aug 09 04:41:45 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	5.66	168	164481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	88967	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	5.49	113	77465	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.71	98	284449	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.13	95	102460	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	20912	16.462	ug/l	100
3) Chloromethane	1.32	50	23528	16.493	ug/l	96
4) Vinyl Chloride	1.40	62	26334	16.782	ug/l	100
5) Bromomethane	1.63	94	20344	18.178	ug/l	96
6) Chloroethane	1.71	64	18380	17.201	ug/l	96
7) Trichlorofluoromethane	1.92	101	48044	17.219	ug/l	100
8) Diethyl Ether	2.18	74	17116	17.180	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26245	17.384	ug/l	98
10) Methyl Iodide	2.50	142	31179	16.381	ug/l	98
11) Tert butyl alcohol	3.03	59	29996	90.829	ug/l	98
12) 1,1-Dichloroethene	2.37	96	25996	17.371	ug/l	90
13) Acrolein	2.29	56	17148	83.258	ug/l	100
14) Allyl chloride	2.72	41	37403	18.748	ug/l	96
15) Acrylonitrile	3.14	53	75225	95.438	ug/l	98
16) Acetone	2.43	43	68148	86.436	ug/l	96
17) Carbon Disulfide	2.56	76	57623	16.408	ug/l	99
18) Methyl Acetate	2.76	43	35508	19.707	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	85177	19.314	ug/l	97
20) Methylene Chloride	2.85	84	29967	17.355	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	28148	17.781	ug/l	93
22) Diisopropyl ether	3.85	45	84698	19.316	ug/l	98
23) Vinyl Acetate	3.81	43	355199	97.669	ug/l	99
24) 1,1-Dichloroethane	3.69	63	48096	18.602	ug/l	99
25) 2-Butanone	4.66	43	106351	94.827	ug/l	95
26) 2,2-Dichloropropane	4.57	77	37159	18.488	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	32248	17.686	ug/l	96
28) Bromochloromethane	5.01	49	23008	19.520	ug/l	93
29) Tetrahydrofuran	5.12	42	64549	93.867	ug/l	99
30) Chloroform	5.20	83	53141	18.911	ug/l	96
31) Cyclohexane	5.57	56	37236	17.456	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	45236	18.791	ug/l	97
36) 1,1-Dichloropropene	5.79	75	36790	17.161	ug/l	97
37) Ethyl Acetate	4.82	43	39102	18.184	ug/l	98
38) Carbon Tetrachloride	5.78	117	39003	18.084	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40550	15.958	ug/l	98
40) Benzene	6.13	78	114903	17.962	ug/l	99
41) Methacrylonitrile	5.03	41	21143	18.004	ug/l	98
42) 1,2-Dichloroethane	6.18	62	42089	19.457	ug/l	98
43) Isopropyl Acetate	6.44	43	62851	18.282	ug/l	99
44) Trichloroethene	7.21	130	33593	17.349	ug/l	98
45) 1,2-Dichloropropane	7.51	63	27944	16.867	ug/l	98
46) Dibromomethane	7.66	93	21787	18.014	ug/l	95
47) Bromodichloromethane	7.89	83	37859	18.489	ug/l	96
48) Methyl methacrylate	7.77	41	30401	18.790	ug/l	97
49) 1,4-Dioxane	7.74	88	15428	328.919	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	212161	95.624	ug/l	99
52) Toluene	8.78	92	74761	17.676	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	38736	18.160	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	43316	18.109	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	32518	18.699	ug/l	97
56) Ethyl methacrylate	9.18	69	45454	18.341	ug/l	94
57) 1,3-Dichloropropane	9.37	76	51744	18.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	120006	98.486	ug/l	98
59) 2-Hexanone	9.49	43	163628	95.214	ug/l	99
60) Dibromochloromethane	9.58	129	32441	18.221	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34252	18.230	ug/l	98
64) Tetrachloroethene	9.33	164	34271	17.746	ug/l	93
65) Chlorobenzene	10.13	112	85439	17.523	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	31083	18.621	ug/l	98
67) Ethyl Benzene	10.25	91	143155	17.531	ug/l	97
68) m/p-Xylenes	10.35	106	111416	35.275	ug/l	99
69) o-Xylene	10.69	106	53581	17.265	ug/l	98
70) Styrene	10.71	104	90436	17.612	ug/l	98
71) Bromoform	10.85	173	23508	17.693	ug/l #	99
73) Isopropylbenzene	11.02	105	147092	18.137	ug/l	99
74) N-amyl acetate	10.90	43	55780	19.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	50660	18.745	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	42556m	19.707	ug/l	
77) Bromobenzene	11.26	156	40584	18.047	ug/l	97
78) n-propylbenzene	11.36	91	161900	17.952	ug/l	98
79) 2-Chlorotoluene	11.42	91	96363	17.927	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	122184	17.998	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	12315	18.377	ug/l	92
82) 4-Chlorotoluene	11.51	91	113028	18.042	ug/l	98
83) tert-Butylbenzene	11.77	119	117803	17.693	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	124667	18.444	ug/l	99
85) sec-Butylbenzene	11.94	105	141292	17.662	ug/l	99
86) p-Isopropyltoluene	12.06	119	127052	17.264	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70077	17.636	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70040	17.094	ug/l	97
89) n-Butylbenzene	12.38	91	107117	16.894	ug/l	100
90) Hexachloroethane	12.59	117	18541	17.041	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	70964	17.775	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10483	20.021	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45310	17.113	ug/l	99
94) Hexachlorobutadiene	13.78	225	23714	17.653	ug/l	97
95) Naphthalene	13.83	128	142158	18.360	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47708	17.724	ug/l	99

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

