

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011325.D
 Acq On : 05 Aug 2019 12:47
 Operator : JC/SP
 Sample : VX0805WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 4:48:42 PM

Quant Time: Aug 06 03:28:31 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	155314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	225636	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	206393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	77118	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	5.49	113	70891	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.71	98	265893	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	93107	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	20317	16.937	ug/l	98
3) Chloromethane	1.32	50	22611	16.785	ug/l	97
4) Vinyl Chloride	1.40	62	26054	17.583	ug/l	98
5) Bromomethane	1.63	94	19209	18.177	ug/l	98
6) Chloroethane	1.71	64	18144	18.108	ug/l	96
7) Trichlorofluoromethane	1.92	101	46749	17.744	ug/l	100
8) Diethyl Ether	2.18	74	15890	16.891	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	24490	17.179	ug/l	99
10) Methyl Iodide	2.50	142	24359	13.553	ug/l	99
11) Tert butyl alcohol	3.04	59	30679	98.378	ug/l	98
12) 1,1-Dichloroethene	2.37	96	24731	17.501	ug/l	95
13) Acrolein	2.29	56	15651	80.460	ug/l	95
14) Allyl chloride	2.72	41	35290	18.733	ug/l	98
15) Acrylonitrile	3.14	53	70318	94.478	ug/l	100
16) Acetone	2.43	43	61679	82.849	ug/l	97
17) Carbon Disulfide	2.56	76	56349	16.993	ug/l	97
18) Methyl Acetate	2.76	43	31618	18.584	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	73664	17.689	ug/l	99
20) Methylene Chloride	2.85	84	27088	16.614	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	25390	16.985	ug/l	90
22) Diisopropyl ether	3.85	45	73814	17.828	ug/l	98
23) Vinyl Acetate	3.81	43	316311	92.109	ug/l	97
24) 1,1-Dichloroethane	3.69	63	42586	17.443	ug/l	99
25) 2-Butanone	4.67	43	94386	89.126	ug/l	97
26) 2,2-Dichloropropane	4.58	77	32956	17.365	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	29728	17.266	ug/l	99
28) Bromochloromethane	5.01	49	21812	19.597	ug/l	97
29) Tetrahydrofuran	5.12	42	58916	90.732	ug/l	99
30) Chloroform	5.21	83	47663	17.962	ug/l	96
31) Cyclohexane	5.58	56	34246	17.002	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	40134	17.656	ug/l	99
36) 1,1-Dichloropropene	5.79	75	33761	17.137	ug/l	99
37) Ethyl Acetate	4.82	43	35232	17.829	ug/l	98
38) Carbon Tetrachloride	5.78	117	35324	17.823	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	37811	16.192	ug/l	97
40) Benzene	6.13	78	103962	17.685	ug/l	94
41) Methacrylonitrile	5.03	41	18450	17.096	ug/l	97
42) 1,2-Dichloroethane	6.18	62	36443	18.333	ug/l	100
43) Isopropyl Acetate	6.44	43	54438	17.231	ug/l	99
44) Trichloroethene	7.21	130	30414	17.092	ug/l	99
45) 1,2-Dichloropropane	7.51	63	26752	17.571	ug/l	97
46) Dibromomethane	7.66	93	18985	17.082	ug/l	99
47) Bromodichloromethane	7.89	83	33220	17.654	ug/l	96
48) Methyl methacrylate	7.76	41	26204	17.624	ug/l	98
49) 1,4-Dioxane	7.74	88	14997	347.929	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	190263	93.317	ug/l	99
52) Toluene	8.78	92	68647	17.662	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34068	17.502	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	38354	17.449	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	28552	17.866	ug/l	98
56) Ethyl methacrylate	9.18	69	40104	17.610	ug/l	98
57) 1,3-Dichloropropane	9.37	76	44741	17.703	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	105006	93.776	ug/l	99
59) 2-Hexanone	9.49	43	146009	92.455	ug/l	99
60) Dibromochloromethane	9.58	129	28817	17.613	ug/l	97
61) 1,2-Dibromoethane	9.67	107	29584	17.135	ug/l	99
64) Tetrachloroethene	9.34	164	31309	17.863	ug/l	95
65) Chlorobenzene	10.13	112	78376	17.711	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	27517	18.163	ug/l	98
67) Ethyl Benzene	10.25	91	129676	17.497	ug/l	99
68) m/p-Xylenes	10.35	106	101687	35.472	ug/l	100
69) o-Xylene	10.69	106	49034	17.409	ug/l	99
70) Styrene	10.71	104	81061	17.393	ug/l	98
71) Bromoform	10.85	173	20597	17.178	ug/l #	99
73) Isopropylbenzene	11.02	105	130500	17.581	ug/l	99
74) N-amyl acetate	10.90	43	48902	18.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	43363	17.530	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	36521m	18.477	ug/l	
77) Bromobenzene	11.25	156	35729	17.358	ug/l	99
78) n-propylbenzene	11.36	91	143465	17.380	ug/l	99
79) 2-Chlorotoluene	11.42	91	85687	17.416	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	110467	17.778	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	11145	18.221	ug/l	93
82) 4-Chlorotoluene	11.51	91	98963	17.259	ug/l	99
83) tert-Butylbenzene	11.77	119	107252	17.599	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	111603	18.039	ug/l	100
85) sec-Butylbenzene	11.94	105	127325	17.389	ug/l	99
86) p-Isopropyltoluene	12.06	119	117838	17.494	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	63280	17.399	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	63224	16.859	ug/l	96
89) n-Butylbenzene	12.38	91	96357	16.604	ug/l	99
90) Hexachloroethane	12.59	117	16300	16.367	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	63424	17.356	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	8913	18.598	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	41953	17.311	ug/l	98
94) Hexachlorobutadiene	13.78	225	21294	17.319	ug/l	96
95) Naphthalene	13.83	128	128281	18.101	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	43480	17.648	ug/l	99

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

