

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
 Data File : VX012825.D
 Acq On : 04 Oct 2019 20:28
 Operator : JC/SP
 Sample : K5189-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127D-20190930MS

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:33 AM

Quant Time: Oct 05 06:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	109438	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.48	113	87150	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	8.71	98	320904	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	126241	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	70827	41.018	ug/l	99
3) Chloromethane	1.31	50	85506	43.124	ug/l	99
4) Vinyl Chloride	1.40	62	90158	45.747	ug/l	96
5) Bromomethane	1.62	94	29103	37.559	ug/l	99
6) Chloroethane	1.70	64	59551	44.823	ug/l	100
7) Trichlorofluoromethane	1.91	101	129653	46.856	ug/l	100
8) Diethyl Ether	2.18	74	56076	49.452	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77775	46.148	ug/l	98
10) Methyl Iodide	2.50	142	76008	43.522	ug/l	93
11) Tert butyl alcohol	3.04	59	148085	265.221	ug/l	100
12) 1,1-Dichloroethene	2.36	96	83091	50.349	ug/l	97
13) Acrolein	2.28	56	76463	246.006	ug/l	99
14) Allyl chloride	2.72	41	147283	44.983	ug/l	96
15) Acrylonitrile	3.13	53	292709	258.402	ug/l	99
16) Acetone	2.44	43	264592	223.493	ug/l	95
17) Carbon Disulfide	2.56	76	212878	46.013	ug/l	99
18) Methyl Acetate	2.76	43	115043	41.268	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	326699	52.301	ug/l	99
20) Methylene Chloride	2.84	84	101042	50.460	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	89951	49.199	ug/l	97
22) Diisopropyl ether	3.84	45	320217	50.614	ug/l	93
23) Vinyl Acetate	3.80	43	1094532	197.279	ug/l	98
24) 1,1-Dichloroethane	3.69	63	174851	50.844	ug/l	98
25) 2-Butanone	4.66	43	412250	242.853	ug/l	95
26) 2,2-Dichloropropane	4.57	77	67721	22.141	ug/l	88
27) cis-1,2-Dichloroethene	4.58	96	108260	51.032	ug/l	87
28) Bromochloromethane	5.00	49	65646	52.572	ug/l	96
29) Tetrahydrofuran	5.12	42	263339	254.519	ug/l	96
30) Chloroform	5.20	83	176118	50.057	ug/l	97
31) Cyclohexane	5.57	56	144947	46.590	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	151419	48.559	ug/l	99
36) 1,1-Dichloropropene	5.79	75	126318	47.132	ug/l	99
37) Ethyl Acetate	4.82	43	124892	39.859	ug/l	96
38) Carbon Tetrachloride	5.78	117	128091	47.049	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	136241	42.226	ug/l	98
40) Benzene	6.13	78	390663	49.541	ug/l	99
41) Methacrylonitrile	5.03	41	87369	49.698	ug/l	94
42) 1,2-Dichloroethane	6.18	62	144888	48.385	ug/l	97
43) Isopropyl Acetate	6.43	43	223256	42.607	ug/l	97
44) Trichloroethene	7.20	130	97824	48.526	ug/l	92
45) 1,2-Dichloropropane	7.51	63	102548	50.794	ug/l	100
46) Dibromomethane	7.65	93	68520	49.848	ug/l	99
47) Bromodichloromethane	7.89	83	137583	50.080	ug/l	99
48) Methyl methacrylate	7.76	41	123072	48.984	ug/l	92
49) 1,4-Dioxane	7.73	88	61586	1080.684	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	797726	246.631	ug/l	94
52) Toluene	8.78	92	243382	49.107	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	132213	43.497	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	145395	43.810	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	102187	51.860	ug/l	99
56) Ethyl methacrylate	9.17	69	168003	50.751	ug/l	91
57) 1,3-Dichloropropane	9.37	76	175178	50.797	ug/l	99
59) 2-Hexanone	9.49	43	620922	250.795	ug/l	93
60) Dibromochloromethane	9.58	129	103973	52.126	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105434	51.414	ug/l	99
64) Tetrachloroethene	9.33	164	86994	49.744	ug/l	92
65) Chlorobenzene	10.14	112	255848	48.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	97591	50.993	ug/l	98
67) Ethyl Benzene	10.25	91	464700	48.506	ug/l	100
68) m/p-Xylenes	10.35	106	344840	96.089	ug/l	100
69) o-Xylene	10.70	106	170678	49.151	ug/l	99
70) Styrene	10.71	104	296416	50.918	ug/l	99
71) Bromoform	10.85	173	73198	54.929	ug/l #	99
73) Isopropylbenzene	11.01	105	455268	48.716	ug/l	100
74) N-amyl acetate	10.89	43	175353	39.331	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	160005	51.697	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149310m	49.193	ug/l	
77) Bromobenzene	11.25	156	107559	50.853	ug/l	96
78) n-propylbenzene	11.35	91	499807	47.505	ug/l	99
79) 2-Chlorotoluene	11.42	91	310769	47.349	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	375659	47.935	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	38217	36.084	ug/l	95
82) 4-Chlorotoluene	11.51	91	358978	47.980	ug/l	98
83) tert-Butylbenzene	11.77	119	374429	49.530	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	386543	48.894	ug/l	98
85) sec-Butylbenzene	11.94	105	421381	47.924	ug/l	100
86) p-Isopropyltoluene	12.06	119	380602	47.972	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	188470	49.514	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	189534	49.277	ug/l	99
89) n-Butylbenzene	12.39	91	300347	42.960	ug/l	100
90) Hexachloroethane	12.59	117	68581	48.486	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	191354	50.214	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39604	51.154	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	108700	46.773	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	45493	45.503	ug/l	99
95) Naphthalene	13.83	128	414827	49.336	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	112944	48.515	ug/l	98

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

