

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010369.D
 Acq On : 20 Jun 2019 19:55
 Operator : JC/SP
 Sample : K3469-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-3-8.0-061919MSD

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 11:35:35 AM

Quant Time: Jun 21 02:30:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	299534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130574	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	5.50	113	130505	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.71	98	485952	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	174325	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98554	47.326	ug/l	99
3) Chloromethane	1.32	50	107246	44.227	ug/l	99
4) Vinyl Chloride	1.41	62	122178	46.001	ug/l	98
5) Bromomethane	1.64	94	48849	37.752	ug/l	98
6) Chloroethane	1.71	64	81229	51.838	ug/l	99
7) Trichlorofluoromethane	1.92	101	205987	48.924	ug/l	99
8) Diethyl Ether	2.19	74	74640	49.434	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123053	48.228	ug/l	100
10) Methyl Iodide	2.51	142	137129	37.659	ug/l	100
11) Tert butyl alcohol	3.05	59	175526	238.852	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125999	48.530	ug/l	98
13) Acrolein	2.29	56	87907	180.323	ug/l	97
14) Allyl chloride	2.73	41	184254	49.988	ug/l	100
15) Acrylonitrile	3.14	53	370291	254.501	ug/l	100
16) Acetone	2.45	43	297711	211.518	ug/l	99
17) Carbon Disulfide	2.57	76	338941	48.660	ug/l	100
18) Methyl Acetate	2.78	43	133011	47.415	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	413190	50.588	ug/l	98
20) Methylene Chloride	2.85	84	141756	48.940	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	136119	48.747	ug/l	99
22) Diisopropyl ether	3.85	45	381875	49.552	ug/l	96
23) Vinyl Acetate	3.81	43	1634340	245.483	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219428	49.258	ug/l	99
25) 2-Butanone	4.67	43	500517	242.425	ug/l	97
26) 2,2-Dichloropropane	4.59	77	172236	44.508	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	160290	49.675	ug/l	98
28) Bromochloromethane	5.02	49	97553	45.803	ug/l	99
29) Tetrahydrofuran	5.13	42	326190	255.067	ug/l	100
30) Chloroform	5.21	83	234360	48.896	ug/l	97
31) Cyclohexane	5.58	56	200778	49.494	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	212058	50.106	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168998	47.443	ug/l	99
37) Ethyl Acetate	4.84	43	181220	49.452	ug/l	100
38) Carbon Tetrachloride	5.78	117	191256	49.583	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224286	47.901	ug/l	97
40) Benzene	6.14	78	549699	49.533	ug/l	99
41) Methacrylonitrile	5.04	41	101565	50.513	ug/l	99
42) 1,2-Dichloroethane	6.20	62	172139	50.957	ug/l	99
43) Isopropyl Acetate	6.45	43	302466	49.888	ug/l	99
44) Trichloroethene	7.21	130	161614	48.668	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137997	49.241	ug/l	99
46) Dibromomethane	7.66	93	100418	49.942	ug/l	99
47) Bromodichloromethane	7.90	83	187325	50.836	ug/l	97
48) Methyl methacrylate	7.77	41	148017	52.523	ug/l	99
49) 1,4-Dioxane	7.74	88	84929	1046.135	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	989026	255.059	ug/l	99
52) Toluene	8.78	92	357093	48.862	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	208232	50.404	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222100	49.471	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	151124	50.139	ug/l	99
56) Ethyl methacrylate	9.18	69	231571	50.717	ug/l	100
57) 1,3-Dichloropropane	9.37	76	231667	49.515	ug/l	100
59) 2-Hexanone	9.49	43	747359	244.888	ug/l	100
60) Dibromochloromethane	9.58	129	170973	50.662	ug/l	100
61) 1,2-Dibromoethane	9.67	107	160205	49.243	ug/l	99
64) Tetrachloroethene	9.34	164	141375	43.400	ug/l	98
65) Chlorobenzene	10.13	112	397789	48.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	152488	51.200	ug/l	99
67) Ethyl Benzene	10.25	91	677828	49.105	ug/l	100
68) m/p-Xylenes	10.36	106	525025	98.162	ug/l	100
69) o-Xylene	10.69	106	261647	49.745	ug/l	97
70) Styrene	10.71	104	439878	49.868	ug/l	99
71) Bromoform	10.85	173	136654	52.763	ug/l	99
73) Isopropylbenzene	11.02	105	679724	48.764	ug/l	99
74) N-amyl acetate	10.90	43	259404	49.243	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	234184	50.730	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189533m	50.581	ug/l	
77) Bromobenzene	11.26	156	187772	48.243	ug/l	99
78) n-propylbenzene	11.36	91	764316	49.891	ug/l	99
79) 2-Chlorotoluene	11.42	91	444273	48.701	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	567191	49.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	77807	48.442	ug/l	99
82) 4-Chlorotoluene	11.51	91	513778	49.495	ug/l	100
83) tert-Butylbenzene	11.77	119	581379	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	578260	50.088	ug/l	100
85) sec-Butylbenzene	11.94	105	671456	49.584	ug/l	100
86) p-Isopropyltoluene	12.06	119	623215	49.755	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	330480	48.643	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	329848	47.689	ug/l	99
89) n-Butylbenzene	12.38	91	532959	50.072	ug/l	99
90) Hexachloroethane	12.60	117	114777	52.994	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	326145	48.300	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50464	50.703	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	231620	49.463	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	109047	47.648	ug/l	99
95) Naphthalene	13.83	128	761448	52.914	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	231613	49.747	ug/l	99

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

