

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014134.D
 Acq On : 19 Dec 2019 20:30
 Operator : JC/SP
 Sample : K6372-13MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MS

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:24:35 AM

Quant Time: Dec 20 03:44:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	495319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	778405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	711288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	358407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	287779	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	5.49	113	241035	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.71	98	955379	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.13	95	348341	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	214339	48.370	ug/l	100
3) Chloromethane	1.32	50	300223	50.485	ug/l	99
4) Vinyl Chloride	1.40	62	315657	50.304	ug/l	99
5) Bromomethane	1.63	94	191227	42.937	ug/l	100
6) Chloroethane	1.72	64	200925	51.881	ug/l	96
7) Trichlorofluoromethane	1.92	101	397702	51.199	ug/l	100
8) Diethyl Ether	2.18	74	180924	49.628	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	234924	50.171	ug/l	99
10) Methyl Iodide	2.50	142	322080	52.045	ug/l	99
11) Tert butyl alcohol	3.03	59	298304	245.922	ug/l	99
12) 1,1-Dichloroethene	2.37	96	238517	50.060	ug/l	98
13) Acrolein	2.28	56	212849	306.539	ug/l	92
14) Allyl chloride	2.72	41	440428	51.771	ug/l	98
15) Acrylonitrile	3.13	53	786974	277.961	ug/l	99
16) Acetone	2.43	43	646170	177.299	ug/l	99
17) Carbon Disulfide	2.56	76	646371	48.883	ug/l	99
18) Methyl Acetate	2.76	43	375737	52.028	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	826389	52.781	ug/l #	77
20) Methylene Chloride	2.85	84	277321	48.321	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	258803	49.304	ug/l	98
22) Diisopropyl ether	3.84	45	899997	53.089	ug/l	99
23) Vinyl Acetate	3.80	43	3772355	272.681	ug/l	99
24) 1,1-Dichloroethane	3.69	63	485701	51.496	ug/l	100
25) 2-Butanone	4.66	43	1076287	239.533	ug/l	98
26) 2,2-Dichloropropane	4.58	77	333477	45.539	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	303376	51.103	ug/l	99
28) Bromochloromethane	5.01	49	197315	54.357	ug/l	99
29) Tetrahydrofuran	5.11	42	699463	278.315	ug/l	99
30) Chloroform	5.20	83	484915	54.234	ug/l	99
31) Cyclohexane	5.58	56	546795	65.183	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	387768	50.887	ug/l	99
36) 1,1-Dichloropropene	5.79	75	352478	49.351	ug/l	99
37) Ethyl Acetate	4.82	43	408194	51.754	ug/l	99
38) Carbon Tetrachloride	5.78	117	329680	50.669	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	580226	65.793	ug/l	96
40) Benzene	6.14	78	2439419	111.004	ug/l	99
41) Methacrylonitrile	5.03	41	237690	54.315	ug/l	97
42) 1,2-Dichloroethane	6.19	62	383365	51.463	ug/l	98
43) Isopropyl Acetate	6.43	43	700078	53.635	ug/l	97
44) Trichloroethene	7.21	130	295088	48.614	ug/l	95
45) 1,2-Dichloropropane	7.51	63	288090	51.146	ug/l	99
46) Dibromomethane	7.65	93	182699	49.059	ug/l	95
47) Bromodichloromethane	7.89	83	362755	51.721	ug/l	98
48) Methyl methacrylate	7.76	41	363414	56.858	ug/l	95
49) 1,4-Dioxane	7.73	88	126478	972.380	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2204840	268.969	ug/l	99
52) Toluene	8.78	92	1035465	74.546	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	394060	51.240	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	439935	51.348	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	275946	49.567	ug/l	98
56) Ethyl methacrylate	9.17	69	495085	56.613	ug/l	98
57) 1,3-Dichloropropane	9.37	76	478501	51.086	ug/l	99
59) 2-Hexanone	9.49	43	1649016	249.892	ug/l	100
60) Dibromochloromethane	9.57	129	288350	52.107	ug/l	99
61) 1,2-Dibromoethane	9.67	107	293296	51.491	ug/l	99
64) Tetrachloroethene	9.33	164	269713	42.852	ug/l	99
65) Chlorobenzene	10.14	112	742233	49.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	272000	50.370	ug/l	99
67) Ethyl Benzene	10.25	91	9799191	376.874	ug/l	91
68) m/p-Xylenes	10.36	106	3558182	355.803	ug/l	96
69) o-Xylene	10.70	106	943920	96.240	ug/l	99
70) Stvrene	10.71	104	852468	51.400	ug/l	91
71) Bromoform	10.85	173	222827	51.334	ug/l #	99
73) Isopropylbenzene	11.01	105	1854063	73.473	ug/l	100
74) N-amyl acetate	10.89	43	608919	51.479	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	447303	51.128	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	409651m	52.648	ug/l	
77) Bromobenzene	11.25	156	332369	47.871	ug/l	99
78) n-propylbenzene	11.35	91	2955750	104.425	ug/l	100
79) 2-Chlorotoluene	11.42	91	878702	51.070	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1482437	69.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	138496	50.239	ug/l	97
82) 4-Chlorotoluene	11.51	91	1034625	51.839	ug/l	96
83) tert-Butylbenzene	11.76	119	1096989	53.078	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	8879566	417.504	ug/l	94
85) sec-Butylbenzene	11.94	105	1423351	58.337	ug/l	95
86) p-Isopropyltoluene	12.06	119	1262942	56.588	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	584803	48.060	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	588513	47.565	ug/l	99
89) n-Butylbenzene	12.39	91	1353181	71.057	ug/l #	85
90) Hexachloroethane	12.59	117	332652	82.981	ug/l	64
91) 1,2-Dichlorobenzene	12.39	146	590153	48.178	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119919	61.941	ug/l	80
93) 1,2,4-Trichlorobenzene	13.64	180	409732	51.464	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	190908	49.894	ug/l	98
95) Naphthalene	13.83	128	4073201	174.132	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	417210	53.086	ug/l	96

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

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