

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014255.D
 Acq On : 24 Dec 2019 19:08
 Operator : JC/SP
 Sample : K6405-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MS

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:46 AM

Quant Time: Dec 25 08:09:57 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	483179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	766167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	688774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338475	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	280790	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.49	113	234066	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	891333	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	320373	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	187074	43.277	ug/l	100
3) Chloromethane	1.32	50	271677	46.832	ug/l	99
4) Vinyl Chloride	1.40	62	292601	47.801	ug/l	100
5) Bromomethane	1.63	94	193558	44.552	ug/l	97
6) Chloroethane	1.71	64	186683	49.414	ug/l	95
7) Trichlorofluoromethane	1.92	101	370202	48.856	ug/l	100
8) Diethyl Ether	2.18	74	173065	48.665	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	218662	47.872	ug/l	100
10) Methyl Iodide	2.50	142	294429	48.937	ug/l	99
11) Tert butyl alcohol	3.03	59	322593	272.628	ug/l	97
12) 1,1-Dichloroethene	2.36	96	225563	48.530	ug/l	97
13) Acrolein	2.28	56	174487	257.605	ug/l	97
14) Allyl chloride	2.72	41	422296	50.887	ug/l	98
15) Acrylonitrile	3.13	53	740569	268.143	ug/l	99
16) Acetone	2.43	43	624345	175.614	ug/l	100
17) Carbon Disulfide	2.56	76	574910	44.637	ug/l	100
18) Methyl Acetate	2.76	43	345747	49.078	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	793008	51.922	ug/l	100
20) Methylene Chloride	2.85	84	269435	48.126	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	247689	48.372	ug/l	100
22) Diisopropyl ether	3.84	45	879447	53.180	ug/l	95
23) Vinyl Acetate	3.80	43	3452711	255.847	ug/l	100
24) 1,1-Dichloroethane	3.69	63	464903	50.530	ug/l	99
25) 2-Butanone	4.66	43	1027224	234.357	ug/l	99
26) 2,2-Dichloropropane	4.57	77	317347	44.425	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	292450	50.500	ug/l	98
28) Bromochloromethane	5.00	49	197549	55.777	ug/l	96
29) Tetrahydrofuran	5.11	42	672622	274.359	ug/l	99
30) Chloroform	5.20	83	454475	52.107	ug/l	99
31) Cyclohexane	5.57	56	403735	49.338	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	375318	50.490	ug/l	100
36) 1,1-Dichloropropene	5.79	75	334424	47.571	ug/l	99
37) Ethyl Acetate	4.82	43	374931	48.296	ug/l	99
38) Carbon Tetrachloride	5.78	117	317402	49.561	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	390438	44.979	ug/l	100
40) Benzene	6.14	78	1062137	49.104	ug/l	100
41) Methacrylonitrile	5.03	41	228128	52.962	ug/l	96
42) 1,2-Dichloroethane	6.18	62	362803	49.481	ug/l	99
43) Isopropyl Acetate	6.43	43	630782	49.098	ug/l	100
44) Trichloroethene	7.21	130	282565	47.295	ug/l	98
45) 1,2-Dichloropropane	7.51	63	279759	50.461	ug/l	98
46) Dibromomethane	7.65	93	175821	47.967	ug/l	99
47) Bromodichloromethane	7.89	83	347181	50.291	ug/l	99
48) Methyl methacrylate	7.76	41	324850	51.636	ug/l	99
49) 1,4-Dioxane	7.73	88	133805	1045.142	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2087817	258.761	ug/l	99
52) Toluene	8.78	92	658593	48.171	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	379547	50.141	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	420700	49.887	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	272040	49.646	ug/l	99
56) Ethyl methacrylate	9.17	69	443164	51.486	ug/l	99
57) 1,3-Dichloropropane	9.37	76	464151	50.345	ug/l	100
59) 2-Hexanone	9.48	43	1579226	243.139	ug/l	99
60) Dibromochloromethane	9.57	129	281823	51.741	ug/l	99
61) 1,2-Dibromoethane	9.67	107	283060	50.488	ug/l	100
64) Tetrachloroethene	9.33	164	278501	45.695	ug/l	99
65) Chlorobenzene	10.14	112	714869	48.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	263509	50.393	ug/l	99
67) Ethyl Benzene	10.25	91	1245344	49.461	ug/l	100
68) m/p-Xylenes	10.36	106	940021	97.071	ug/l	99
69) o-Xylene	10.70	106	467452	49.218	ug/l	99
70) Styrene	10.71	104	791013	49.253	ug/l	99
71) Bromoform	10.85	173	216196	51.435	ug/l	100
73) Isopropylbenzene	11.01	105	1214432	50.960	ug/l	100
74) N-amyl acetate	10.89	43	536115	47.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	423668	51.279	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	339868m	46.252	ug/l	
77) Bromobenzene	11.25	156	318233	48.535	ug/l	99
78) n-propylbenzene	11.35	91	1356585	50.750	ug/l	100
79) 2-Chlorotoluene	11.42	91	810748	49.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	999311	49.825	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	131228	50.406	ug/l	97
82) 4-Chlorotoluene	11.51	91	930870	49.387	ug/l	98
83) tert-Butylbenzene	11.76	119	1003325	51.404	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1019870	50.777	ug/l	100
85) sec-Butylbenzene	11.94	105	1162400	50.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	1055684	50.087	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	544333	47.368	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	542101	46.394	ug/l	100
89) n-Butylbenzene	12.39	91	890234	49.500	ug/l	100
90) Hexachloroethane	12.59	117	191572	50.603	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	555817	48.047	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	88076	48.172	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	355740	47.314	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	165352	45.759	ug/l	96
95) Naphthalene	13.83	128	1104462	49.997	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	362558	48.848	ug/l	98

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

