

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016792.D
 Acq On : 16 Jun 2020 20:01
 Operator : JC/SP
 Sample : L2993-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW014-200610MS

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:34:44 AM

Quant Time: Jun 17 06:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	278091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	430438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	412782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	156927	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.46	113	130925	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	8.70	98	504140	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.12	95	193321	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	158228	50.362	ug/l	98
3) Chloromethane	1.31	50	145615	47.967	ug/l	98
4) Vinyl Chloride	1.39	62	188657	58.242	ug/l	99
5) Bromomethane	1.62	94	82349	40.935	ug/l	99
6) Chloroethane	1.71	64	104341	52.293	ug/l	99
7) Trichlorofluoromethane	1.92	101	237711	50.953	ug/l	97
8) Diethyl Ether	2.17	74	94268	49.481	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	124811	52.584	ug/l	99
10) Methyl Iodide	2.49	142	90740	30.587	ug/l	97
11) Tert butyl alcohol	3.01	59	193846	246.682	ug/l	100
12) 1,1-Dichloroethene	2.36	96	146617	53.943	ug/l	99
13) Acrolein	2.27	56	29471	89.574	ug/l	96
14) Allyl chloride	2.70	41	212544	49.999	ug/l	97
15) Acrylonitrile	3.11	53	410674	257.549	ug/l	99
16) Acetone	2.42	43	363402	256.120	ug/l	97
17) Carbon Disulfide	2.55	76	382638	49.155	ug/l	99
18) Methyl Acetate	2.75	43	194041	51.236	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	837537	90.410	ug/l	98
20) Methylene Chloride	2.83	84	147559	48.281	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	1698751	581.603	ug/l	99
22) Diisopropyl ether	3.82	45	404255	50.628	ug/l	91
23) Vinyl Acetate	3.78	43	1041046	150.842	ug/l	100
24) 1,1-Dichloroethane	3.67	63	247495	49.557	ug/l	99
25) 2-Butanone	4.64	43	546856	255.733	ug/l	98
26) 2,2-Dichloropropane	4.55	77	189919	41.069	ug/l #	63
27) cis-1,2-Dichloroethene	4.56	96	967693	289.869	ug/l	91
28) Bromochloromethane	4.98	49	103560	48.610	ug/l	99
29) Tetrahydrofuran	5.09	42	355216	256.423	ug/l	100
30) Chloroform	5.18	83	281712	53.318	ug/l	99
31) Cyclohexane	5.55	56	207450	51.563	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	237821	49.604	ug/l	100
36) 1,1-Dichloropropene	5.77	75	192757	50.674	ug/l	100
37) Ethyl Acetate	4.79	43	203953	48.960	ug/l #	79
38) Carbon Tetrachloride	5.75	117	213441	49.407	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	210611	47.790	ug/l	98
40) Benzene	6.11	78	588230	50.790	ug/l	97
41) Methacrylonitrile	5.01	41	113206	50.967	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1325537	313.583	ug/l	98
43) Isopropyl Acetate	6.41	43	326056	49.941	ug/l	99
44) Trichloroethene	7.20	130	11922901	3328.122	ug/l	96
45) 1,2-Dichloropropane	7.49	63	151942	53.518	ug/l	100
46) Dibromomethane	7.64	93	100782	48.705	ug/l	99
47) Bromodichloromethane	7.88	83	208447	48.319	ug/l	100
48) Methyl methacrylate	7.74	41	162462	52.502	ug/l	97
49) 1,4-Dioxane	7.71	88	74180	968.684	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1038559	258.147	ug/l	100
52) Toluene	8.76	92	376527	50.051	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	235833	48.401	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	244093	48.026	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	181649	60.041	ug/l	97
56) Ethyl methacrylate	9.16	69	241484	53.311	ug/l	99
57) 1,3-Dichloropropane	9.35	76	253440	49.835	ug/l	100
59) 2-Hexanone	9.48	43	804396	259.005	ug/l	99
60) Dibromochloromethane	9.57	129	180597	50.508	ug/l	100
61) 1,2-Dibromoethane	9.65	107	162993	49.434	ug/l	96
64) Tetrachloroethene	9.32	164	188653	47.594	ug/l	97
65) Chlorobenzene	10.12	112	411628	49.145	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	161765	48.413	ug/l	98
67) Ethyl Benzene	10.24	91	717306	50.659	ug/l	98
68) m/p-Xylenes	10.34	106	546824	101.855	ug/l	100
69) o-Xylene	10.68	106	257182	49.725	ug/l	98
70) Styrene	10.70	104	135865	15.196	ug/l #	78
71) Bromoform	10.84	173	143249	50.247	ug/l #	99
73) Isopropylbenzene	11.00	105	695757	49.828	ug/l	100
74) N-amyl acetate	10.88	43	273694	50.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	200179	48.736	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	214252m	47.876	ug/l	
77) Bromobenzene	11.24	156	190339	48.278	ug/l	99
78) n-propylbenzene	11.34	91	765026	50.450	ug/l	99
79) 2-Chlorotoluene	11.40	91	463914	48.380	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	584825	49.963	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	81148	45.650	ug/l	96
82) 4-Chlorotoluene	11.49	91	548976	48.911	ug/l	100
83) tert-Butylbenzene	11.76	119	540253	50.442	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	593553	50.128	ug/l	100
85) sec-Butylbenzene	11.93	105	637067	50.851	ug/l	99
86) p-Isopropyltoluene	12.05	119	608183	50.595	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	324094	48.624	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	327893	47.437	ug/l	100
89) n-Butylbenzene	12.37	91	494594	49.842	ug/l	99
90) Hexachloroethane	12.58	117	104789	47.273	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	313429	47.022	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55123	47.990	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	224776	48.154	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	92695	45.168	ug/l	98
95) Naphthalene	13.82	128	734159	50.204	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	221874	48.293	ug/l	98

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

