

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016244.D
 Acq On : 14 May 2020 20:10
 Operator : JC/SP
 Sample : L2643-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513MSD

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:23 PM

Quant Time: May 15 04:24:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	405994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	375674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151362	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
35) Dibromofluoromethane	5.46	113	122274	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	8.70	98	480041	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.12	95	187278	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	129381	50.050	ug/l	99
3) Chloromethane	1.31	50	139106	46.336	ug/l	100
4) Vinyl Chloride	1.39	62	150550	47.004	ug/l	100
5) Bromomethane	1.62	94	69917	43.299	ug/l	98
6) Chloroethane	1.70	64	92549	47.490	ug/l	98
7) Trichlorofluoromethane	1.91	101	196305	46.684	ug/l	99
8) Diethyl Ether	2.17	74	82541	46.588	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114846	47.340	ug/l	99
10) Methyl Iodide	2.49	142	127896	39.248	ug/l	99
11) Tert butyl alcohol	3.03	59	189491	233.171	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117008	46.089	ug/l	96
13) Acrolein	2.27	56	135379	266.211	ug/l	98
14) Allyl chloride	2.70	41	209689	45.047	ug/l	95
15) Acrylonitrile	3.12	53	411181	243.896	ug/l	99
16) Acetone	2.42	43	327203	228.185	ug/l	95
17) Carbon Disulfide	2.55	76	334342	43.829	ug/l	99
18) Methyl Acetate	2.75	43	169133	47.971	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	436816	49.912	ug/l	99
20) Methylene Chloride	2.83	84	137505	46.517	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	134785	47.643	ug/l	97
22) Diisopropyl ether	3.82	45	418101	47.611	ug/l	96
23) Vinyl Acetate	3.79	43	1770123	229.112	ug/l	99
24) 1,1-Dichloroethane	3.67	63	243038	49.474	ug/l	100
25) 2-Butanone	4.64	43	554909	240.153	ug/l	99
26) 2,2-Dichloropropane	4.55	77	190007	42.353	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	169769	54.890	ug/l	95
28) Bromochloromethane	4.98	49	101723	45.412	ug/l	96
29) Tetrahydrofuran	5.09	42	368302	240.557	ug/l	98
30) Chloroform	5.18	83	245517	50.196	ug/l	100
31) Cyclohexane	5.55	56	208973	46.808	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	218668	49.183	ug/l	99
36) 1,1-Dichloropropene	5.77	75	184105	46.067	ug/l	99
37) Ethyl Acetate	4.79	43	206784	44.643	ug/l	98
38) Carbon Tetrachloride	5.75	117	190399	46.872	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	207113	43.034	ug/l	99
40) Benzene	6.12	78	559641	47.860	ug/l	99
41) Methacrylonitrile	5.01	41	117181	46.844	ug/l	98
42) 1,2-Dichloroethane	6.17	62	193974	46.049	ug/l	99
43) Isopropyl Acetate	6.42	43	335545	45.402	ug/l	98
44) Trichloroethene	7.19	130	198832	47.863	ug/l	98
45) 1,2-Dichloropropane	7.49	63	144824	48.947	ug/l	99
46) Dibromomethane	7.64	93	95400	47.445	ug/l	99
47) Bromodichloromethane	7.88	83	200936	49.067	ug/l	98
48) Methyl methacrylate	7.75	41	159516	45.550	ug/l	94
49) 1,4-Dioxane	7.71	88	76719	913.442	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1082622	239.383	ug/l	98
52) Toluene	8.77	92	353559	48.508	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	231069	47.324	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	241000	47.255	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	143066	49.890	ug/l	99
56) Ethyl methacrylate	9.16	69	234014	49.994	ug/l	94
57) 1,3-Dichloropropane	9.35	76	244226	48.809	ug/l	100
59) 2-Hexanone	9.48	43	842715	237.273	ug/l	97
60) Dibromochloromethane	9.57	129	160470	50.809	ug/l	99
61) 1,2-Dibromoethane	9.65	107	152034	48.946	ug/l	100
64) Tetrachloroethene	9.32	164	202090	43.819	ug/l	99
65) Chlorobenzene	10.12	112	375562	47.744	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	145025	49.881	ug/l	99
67) Ethyl Benzene	10.24	91	669866	47.727	ug/l	99
68) m/p-Xylenes	10.34	106	513527	97.657	ug/l	100
69) o-Xylene	10.68	106	248221	49.107	ug/l	100
70) Styrene	10.70	104	420333	49.017	ug/l	99
71) Bromoform	10.84	173	126431	53.374	ug/l #	100
73) Isopropylbenzene	11.00	105	662351	46.185	ug/l	99
74) N-amyl acetate	10.88	43	291577	43.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	177105	61.140	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	212092m	47.402	ug/l	
77) Bromobenzene	11.24	156	170630	46.095	ug/l	99
78) n-propylbenzene	11.35	91	759260	45.508	ug/l	100
79) 2-Chlorotoluene	11.41	91	460316	46.742	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	567942	46.903	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85803	45.700	ug/l	97
82) 4-Chlorotoluene	11.49	91	539902	46.426	ug/l	99
83) tert-Butylbenzene	11.76	119	495484	47.482	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	575915	47.045	ug/l	99
85) sec-Butylbenzene	11.93	105	629205	44.658	ug/l	99
86) p-Isopropyltoluene	12.05	119	592260	45.275	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	305944	46.030	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	310010	45.954	ug/l	100
89) n-Butylbenzene	12.37	91	510460	42.714	ug/l	100
90) Hexachloroethane	12.58	117	104256	46.406	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	295931	46.239	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54397	46.129	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	210903	44.510	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	75403	37.093	ug/l	99
95) Naphthalene	13.82	128	722111	47.066	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	208718	45.072	ug/l	98

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

