

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016550.D
 Acq On : 02 Jun 2020 12:41
 Operator : JC/SP
 Sample : L2801-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-200528MSD

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:46 AM

Quant Time: Jun 03 04:32:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	325971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	518277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	480217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234599	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	186375	46.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.08%	
35) Dibromofluoromethane	5.47	113	151994	47.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.26%	
50) Toluene-d8	8.70	98	595440	47.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.12	95	226889	47.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	144853	45.155	ug/l	98
3) Chloromethane	1.31	50	180300	46.510	ug/l	100
4) Vinyl Chloride	1.39	62	195452	47.675	ug/l	97
5) Bromomethane	1.62	94	81869	41.071	ug/l	97
6) Chloroethane	1.70	64	117080	48.958	ug/l	96
7) Trichlorofluoromethane	1.91	101	252344	46.869	ug/l	98
8) Diethyl Ether	2.17	74	109549	48.796	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	147433	49.755	ug/l	100
10) Methyl Iodide	2.49	142	154787	44.106	ug/l	97
11) Tert butyl alcohol	3.02	59	329897	317.799	ug/l	100
12) 1,1-Dichloroethene	2.36	96	154581	49.284	ug/l	100
13) Acrolein	2.27	56	150783	341.462	ug/l	96
14) Allyl chloride	2.70	41	296117	51.335	ug/l	96
15) Acrylonitrile	3.12	53	589175	277.074	ug/l	98
16) Acetone	2.42	43	1985874	1119.697	ug/l	98
17) Carbon Disulfide	2.55	76	441886	47.441	ug/l	100
18) Methyl Acetate	2.75	43	270820	59.535	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	552617	49.065	ug/l	99
20) Methylene Chloride	2.83	84	176960	48.225	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	167363	48.240	ug/l	98
22) Diisopropyl ether	3.82	45	537165	48.476	ug/l	99
23) Vinyl Acetate	3.78	43	2477102	255.390	ug/l	99
24) 1,1-Dichloroethane	3.67	63	304831	48.739	ug/l	99
25) 2-Butanone	4.64	43	3662602	1218.729	ug/l	98
26) 2,2-Dichloropropane	4.55	77	266732	52.119	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	198867	49.548	ug/l	99
28) Bromochloromethane	4.98	49	136897	47.102	ug/l	98
29) Tetrahydrofuran	5.09	42	562935	289.942	ug/l	99
30) Chloroform	5.18	83	298152	47.312	ug/l	99
31) Cyclohexane	5.55	56	262489	46.651	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	269463	47.230	ug/l	99
36) 1,1-Dichloropropene	5.77	75	230262	46.924	ug/l	99
37) Ethyl Acetate	4.79	43	304058	51.611	ug/l	99
38) Carbon Tetrachloride	5.76	117	238401	46.230	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	259898	48.762	ug/l	98
40) Benzene	6.11	78	694501	47.526	ug/l	99
41) Methacrylonitrile	5.00	41	162703	50.278	ug/l	98
42) 1,2-Dichloroethane	6.17	62	238186	45.833	ug/l	98
43) Isopropyl Acetate	6.42	43	459227	49.973	ug/l	99
44) Trichloroethene	7.19	130	198770	42.871	ug/l	98
45) 1,2-Dichloropropane	7.49	63	182431	49.038	ug/l	98
46) Dibromomethane	7.64	93	120296	48.143	ug/l	98
47) Bromodichloromethane	7.88	83	249002	48.127	ug/l	98
48) Methyl methacrylate	7.74	41	221724	50.392	ug/l	98
49) 1,4-Dioxane	7.71	88	112131	1088.971	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1596961	279.094	ug/l	99
52) Toluene	8.77	92	446294	48.432	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	294918	50.129	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	311994	50.102	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	180089	49.153	ug/l	99
56) Ethyl methacrylate	9.16	69	303386	50.843	ug/l	99
57) 1,3-Dichloropropane	9.35	76	309743	49.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	8761	2.813	ug/l	94
59) 2-Hexanone	9.48	43	1241572	279.023	ug/l	98
60) Dibromochloromethane	9.57	129	204973	49.713	ug/l	99
61) 1,2-Dibromoethane	9.65	107	194155	49.486	ug/l	99
64) Tetrachloroethene	9.32	164	207128	38.553	ug/l	99
65) Chlorobenzene	10.12	112	473211	48.335	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	182032	48.708	ug/l	99
67) Ethyl Benzene	10.24	91	839704	48.173	ug/l	99
68) m/p-Xylenes	10.34	106	629361	97.381	ug/l	99
69) o-Xylene	10.68	106	308508	49.290	ug/l	97
70) Styrene	10.70	104	534438	49.677	ug/l	99
71) Bromoform	10.84	173	158544	50.197	ug/l #	99
73) Isopropylbenzene	11.00	105	813638	50.055	ug/l	100
74) N-amyl acetate	10.88	43	400678	53.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	253420	62.207	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	272997m	52.941	ug/l	
77) Bromobenzene	11.24	156	210733	49.429	ug/l	99
78) n-propylbenzene	11.34	91	929247	51.169	ug/l	99
79) 2-Chlorotoluene	11.40	91	559401	50.465	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	688409	50.721	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	112776	53.797	ug/l	97
82) 4-Chlorotoluene	11.49	91	653552	49.927	ug/l	100
83) tert-Butylbenzene	11.76	119	616843	53.189	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	699489	50.960	ug/l	100
85) sec-Butylbenzene	11.93	105	753518	51.794	ug/l	99
86) p-Isopropyltoluene	12.05	119	699839	51.353	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	366871	49.670	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	370018	48.982	ug/l	100
89) n-Butylbenzene	12.37	91	610699	53.801	ug/l	99
90) Hexachloroethane	12.58	117	122538	52.057	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	350976	49.046	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	73480	55.686	ug/l	100

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93) 1,2,4-Trichlorobenzene	13.63	180	253369	53.312	ug/l	99
94) Hexachlorobutadiene	13.76	225	101540	54.416	ug/l	97
95) Naphthalene	13.82	128	879808	54.001	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	244359	52.481	ug/l	98

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

