

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016835.D
 Acq On : 17 Jun 2020 22:14
 Operator : JC/SP
 Sample : L2984-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0563MSD

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 11:17:04 AM

Quant Time: Jun 18 03:05:32 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	240235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	413308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	352630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	140783	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	5.47	113	116634	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
50) Toluene-d8	8.70	98	510452	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
62) 4-Bromofluorobenzene	11.12	95	168185	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	133324	49.126	ug/l	98
3) Chloromethane	1.31	50	133006	50.718	ug/l	100
4) Vinyl Chloride	1.39	62	176391	63.036	ug/l	98
5) Bromomethane	1.62	94	87005	50.065	ug/l	97
6) Chloroethane	1.70	64	106439	61.750	ug/l	97
7) Trichlorofluoromethane	1.92	101	218281	54.161	ug/l	99
8) Diethyl Ether	2.17	74	93942	57.081	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	106865	52.118	ug/l	96
10) Methyl Iodide	2.49	142	136792	53.376	ug/l	99
11) Tert butyl alcohol	3.01	59	206381	304.020	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126486	53.869	ug/l	98
13) Acrolein	2.27	56	80828	279.365	ug/l	97
14) Allyl chloride	2.70	41	182621	49.729	ug/l	96
15) Acrylonitrile	3.12	53	381085	276.653	ug/l	99
16) Acetone	2.42	43	701976	572.703	ug/l	100
17) Carbon Disulfide	2.55	76	372335	55.369	ug/l	100
18) Methyl Acetate	2.75	43	189431	57.900	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	400170	50.004	ug/l	99
20) Methylene Chloride	2.83	84	125380	47.489	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	138030	54.704	ug/l	98
22) Diisopropyl ether	3.82	45	350506	50.813	ug/l	98
23) Vinyl Acetate	3.78	43	1535386	257.526	ug/l	100
24) 1,1-Dichloroethane	3.67	63	212383	49.228	ug/l	100
25) 2-Butanone	4.64	43	4533359	2454.055	ug/l	99
26) 2,2-Dichloropropane	4.55	77	164518	41.182	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	168164	58.311	ug/l	96
28) Bromochloromethane	4.98	49	94234	51.202	ug/l	99
29) Tetrahydrofuran	5.09	42	386365	322.859	ug/l	94
30) Chloroform	5.18	83	221917	48.620	ug/l	95
31) Cyclohexane	5.55	56	157221	45.322	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	202160	48.811	ug/l	99
36) 1,1-Dichloropropene	5.77	75	160325	43.894	ug/l	100
37) Ethyl Acetate	4.80	43	202505	50.627	ug/l	99
38) Carbon Tetrachloride	5.75	117	178924	43.134	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	165301	39.237	ug/l	97
40) Benzene	6.11	78	510653	45.919	ug/l	98
41) Methacrylonitrile	5.00	41	99929	46.854	ug/l	97
42) 1,2-Dichloroethane	6.17	62	190859	47.023	ug/l	99
43) Isopropyl Acetate	6.41	43	392791	62.656	ug/l	99
44) Trichloroethene	7.19	130	160261	46.589	ug/l	99
45) 1,2-Dichloropropane	7.49	63	134129	49.202	ug/l	95
46) Dibromomethane	7.64	93	96495	48.566	ug/l	99
47) Bromodichloromethane	7.88	83	198171	47.841	ug/l	100
48) Methyl methacrylate	7.74	41	166400	56.003	ug/l	98
49) 1,4-Dioxane	7.71	88	94850	1289.939	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	1228171	317.930	ug/l	99
52) Toluene	8.76	92	391453	54.191	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	207699	44.393	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	256826	52.626	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	134000	46.128	ug/l	99
56) Ethyl methacrylate	9.16	69	215860	49.629	ug/l	99
57) 1,3-Dichloropropane	9.35	76	224190	45.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	545043	254.863	ug/l	98
59) 2-Hexanone	9.48	43	822376	275.769	ug/l	99
60) Dibromochloromethane	9.57	129	157479	45.868	ug/l	100
61) 1,2-Dibromoethane	9.65	107	148486	46.901	ug/l	99
64) Tetrachloroethene	9.32	164	143474	42.371	ug/l	96
65) Chlorobenzene	10.12	112	359473	50.239	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	141316	49.508	ug/l	97
67) Ethyl Benzene	10.24	91	612374	50.626	ug/l	100
68) m/p-Xylenes	10.34	106	469192	102.303	ug/l	100
69) o-Xylene	10.68	106	225360	51.005	ug/l	99
70) Styrene	10.70	104	401120	52.516	ug/l	99
71) Bromoform	10.84	173	130629	53.637	ug/l #	98
73) Isopropylbenzene	11.00	105	590267	49.376	ug/l	100
74) N-amyl acetate	10.88	43	267552	57.584	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	196697	55.934	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	197795m	51.625	ug/l	
77) Bromobenzene	11.24	156	164959	48.871	ug/l	100
78) n-propylbenzene	11.34	91	657782	50.667	ug/l	99
79) 2-Chlorotoluene	11.40	91	404901	49.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	558020	55.683	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	75022	49.295	ug/l	97
82) 4-Chlorotoluene	11.49	91	531583	55.319	ug/l	100
83) tert-Butylbenzene	11.76	119	470148	51.272	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	523681	51.658	ug/l	99
85) sec-Butylbenzene	11.93	105	529458	49.362	ug/l	100
86) p-Isopropyltoluene	12.05	119	512179	49.767	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	285092	49.959	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	289857	48.980	ug/l	99
89) n-Butylbenzene	12.37	91	412541	48.558	ug/l	99
90) Hexachloroethane	12.58	117	90725	47.805	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	278851	48.864	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56954	57.915	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	213822	53.504	ug/l	99
94) Hexachlorobutadiene	13.76	225	92210	52.415	ug/l	98
95) Naphthalene	13.82	128	818916	65.410	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	228469	58.084	ug/l	97

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

