

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016070.D
 Acq On : 05 May 2020 17:36
 Operator : JC/SP
 Sample : L2469-24MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ148-20200428MSD

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:26:45 PM

Quant Time: May 06 09:31:11 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	284956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	225102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179404	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
35) Dibromofluoromethane	5.47	113	140843	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	8.70	98	547600	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.12	95	210815	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	150340	49.845	ug/l	99
3) Chloromethane	1.31	50	166206	47.450	ug/l	99
4) Vinyl Chloride	1.39	62	182913	48.945	ug/l	99
5) Bromomethane	1.62	94	94704	50.266	ug/l	97
6) Chloroethane	1.70	64	114614	50.405	ug/l	99
7) Trichlorofluoromethane	1.91	101	239552	48.826	ug/l	99
8) Diethyl Ether	2.17	74	99689	48.224	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	138104	48.789	ug/l	99
10) Methyl Iodide	2.49	142	175898	46.262	ug/l	99
11) Tert butyl alcohol	3.01	59	233657	246.419	ug/l	100
12) 1,1-Dichloroethene	2.36	96	144534	48.794	ug/l	95
13) Acrolein	2.27	56	118841	200.286	ug/l	99
14) Allyl chloride	2.71	41	263803	48.571	ug/l	99
15) Acrylonitrile	3.12	53	484569	246.341	ug/l	99
16) Acetone	2.42	43	411394	245.888	ug/l	99
17) Carbon Disulfide	2.55	76	438876	49.334	ug/l	99
18) Methyl Acetate	2.75	43	184183	44.773	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	513875	50.324	ug/l	100
20) Methylene Chloride	2.84	84	164448	47.679	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	158182	47.920	ug/l	98
22) Diisopropyl ether	3.82	45	511891	49.958	ug/l	95
23) Vinyl Acetate	3.79	43	2080967	230.844	ug/l	100
24) 1,1-Dichloroethane	3.67	63	288130	50.269	ug/l	99
25) 2-Butanone	4.64	43	680948	252.574	ug/l	99
26) 2,2-Dichloropropane	4.55	77	224221	42.835	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	178402	49.436	ug/l	98
28) Bromochloromethane	4.98	49	129818	49.670	ug/l	100
29) Tetrahydrofuran	5.09	42	447706	250.620	ug/l	100
30) Chloroform	5.18	83	284252	49.808	ug/l	100
31) Cyclohexane	5.55	56	261495	50.199	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	260353	50.188	ug/l	100
36) 1,1-Dichloropropene	5.77	75	217611	46.976	ug/l	99
37) Ethyl Acetate	4.79	43	239251	44.561	ug/l	99
38) Carbon Tetrachloride	5.76	117	229180	48.673	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	258458	46.329	ug/l	100
40) Benzene	6.12	78	651177	48.042	ug/l	99
41) Methacrylonitrile	5.00	41	138509	47.769	ug/l	99
42) 1,2-Dichloroethane	6.17	62	233838	47.891	ug/l	100
43) Isopropyl Acetate	6.42	43	391636	45.717	ug/l	100
44) Trichloroethene	7.19	130	214696	44.586	ug/l	100
45) 1,2-Dichloropropane	7.49	63	167605	48.869	ug/l	100
46) Dibromomethane	7.64	93	112999	48.482	ug/l	99
47) Bromodichloromethane	7.88	83	233779	49.249	ug/l	97
48) Methyl methacrylate	7.74	41	197542	48.664	ug/l	99
49) 1,4-Dioxane	7.71	88	93663	962.080	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1293206	246.688	ug/l	100
52) Toluene	8.77	92	409295	48.445	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	265587	46.926	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	278581	47.124	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	162455	48.874	ug/l	98
56) Ethyl methacrylate	9.16	69	271725	50.080	ug/l	99
57) 1,3-Dichloropropane	9.35	76	285360	49.200	ug/l	100
59) 2-Hexanone	9.48	43	1008121	244.875	ug/l	99
60) Dibromochloromethane	9.57	129	183351	50.084	ug/l	98
61) 1,2-Dibromoethane	9.65	107	175977	48.876	ug/l	100
64) Tetrachloroethene	9.32	164	252999	47.131	ug/l	99
65) Chlorobenzene	10.12	112	435889	47.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	164425	48.588	ug/l	99
67) Ethyl Benzene	10.24	91	787004	48.175	ug/l	98
68) m/p-Xylenes	10.34	106	595230	97.250	ug/l	100
69) o-Xylene	10.68	106	289143	49.146	ug/l	99
70) Styrene	10.70	104	497501	49.844	ug/l	99
71) Bromoform	10.84	173	139194	50.485	ug/l #	99
73) Isopropylbenzene	11.01	105	766028	46.787	ug/l	99
74) N-amyl acetate	10.88	43	328588	43.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	169614	52.430	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	238926m	46.774	ug/l	
77) Bromobenzene	11.24	156	190865	45.164	ug/l	98
78) n-propylbenzene	11.35	91	887252	46.582	ug/l	100
79) 2-Chlorotoluene	11.41	91	521611	46.395	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	646964	46.801	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	98269	45.845	ug/l	99
82) 4-Chlorotoluene	11.49	91	615256	46.342	ug/l	100
83) tert-Butylbenzene	11.76	119	557444	46.792	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	653914	46.789	ug/l	100
85) sec-Butylbenzene	11.93	105	747937	46.498	ug/l	100
86) p-Isopropyltoluene	12.05	119	689905	46.196	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	341116	44.954	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	347350	45.101	ug/l	99
89) n-Butylbenzene	12.37	91	609967	44.708	ug/l	99
90) Hexachloroethane	12.58	117	122208	47.648	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	330328	45.210	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61713	45.840	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	238713	44.129	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	107705	46.278	ug/l	99
95) Naphthalene	13.82	128	815946	46.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	243807	46.117	ug/l	96

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

