

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015396.D
 Acq On : 27 Mar 2020 20:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/30/2020 3:00:01 PM

Quant Time: Mar 30 01:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1077301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1754159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1600231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	830226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	717970	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.47	113	530275	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	8.70	98	1941725	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.12	95	792994	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	513490	54.102	ug/l	100
3) Chloromethane	1.31	50	580667	48.041	ug/l	99
4) Vinyl Chloride	1.39	62	553229	49.847	ug/l	98
5) Bromomethane	1.62	94	243421	47.113	ug/l	98
6) Chloroethane	1.70	64	348244	50.592	ug/l	100
7) Trichlorofluoromethane	1.91	101	766627	51.506	ug/l	99
8) Diethyl Ether	2.17	74	292098	46.528	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	500271	51.559	ug/l	98
10) Methyl Iodide	2.49	142	401318	30.677	ug/l	100
11) Tert butyl alcohol	3.01	59	878695	241.612	ug/l	100
12) 1,1-Dichloroethene	2.36	96	523868	51.507	ug/l	100
13) Acrolein	2.27	56	276864	133.642	ug/l	98
14) Allyl chloride	2.70	41	1189281	50.043	ug/l	99
15) Acrylonitrile	3.12	53	1713907	247.116	ug/l	100
16) Acetone	2.42	43	1592832	244.009	ug/l	98
17) Carbon Disulfide	2.55	76	1559148	50.252	ug/l	100
18) Methyl Acetate	2.75	43	828880	49.751	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1947339	49.366	ug/l	99
20) Methylene Chloride	2.83	84	590769	48.452	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	552841	48.977	ug/l	97
22) Diisopropyl ether	3.83	45	2125753	50.479	ug/l	97
23) Vinyl Acetate	3.79	43	9665038	253.489	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1105176	49.845	ug/l	99
25) 2-Butanone	4.64	43	2567735	244.593	ug/l	97
26) 2,2-Dichloropropane	4.56	77	857822	47.135	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	641457	49.119	ug/l	97
28) Bromochloromethane	4.98	49	520201	49.140	ug/l	99
29) Tetrahydrofuran	5.09	42	1646178	243.918	ug/l	100
30) Chloroform	5.18	83	1064724	49.913	ug/l	97
31) Cyclohexane	5.55	56	1017760	52.914	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	973752	50.440	ug/l	99
36) 1,1-Dichloropropene	5.77	75	804948	49.803	ug/l	100
37) Ethyl Acetate	4.80	43	1018435	48.393	ug/l	100
38) Carbon Tetrachloride	5.76	117	866237	49.483	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	953705	51.177	ug/l	97
40) Benzene	6.12	78	2324574	49.099	ug/l	99
41) Methacrylonitrile	5.01	41	583213	49.922	ug/l	99
42) 1,2-Dichloroethane	6.17	62	936306	49.234	ug/l	100
43) Isopropyl Acetate	6.42	43	1742548	49.050	ug/l	100
44) Trichloroethene	7.19	130	643566	49.842	ug/l	96
45) 1,2-Dichloropropane	7.50	63	635521	49.069	ug/l	100
46) Dibromomethane	7.64	93	414175	48.750	ug/l	99
47) Bromodichloromethane	7.88	83	884628	48.866	ug/l	97
48) Methyl methacrylate	7.75	41	872336	49.160	ug/l	100
49) 1,4-Dioxane	7.72	88	316946	957.456	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4959263	246.322	ug/l	99
52) Toluene	8.77	92	1446459	49.555	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	1005958	47.380	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1039811	48.077	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	582790	48.732	ug/l	97
56) Ethyl methacrylate	9.16	69	1041042	49.394	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1028117	47.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2464395	240.393	ug/l	99
59) 2-Hexanone	9.48	43	3789730	249.321	ug/l	100
60) Dibromochloromethane	9.57	129	702345	48.875	ug/l	98
61) 1,2-Dibromoethane	9.65	107	625545	48.106	ug/l	100
64) Tetrachloroethene	9.32	164	587060	48.612	ug/l	98
65) Chlorobenzene	10.12	112	1577440	49.429	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	620282	48.651	ug/l	99
67) Ethyl Benzene	10.24	91	2804605	49.550	ug/l	99
68) m/p-Xylenes	10.34	106	2112537	100.232	ug/l	99
69) o-Xylene	10.68	106	1023203	49.129	ug/l	96
70) Styrene	10.70	104	1795370	48.988	ug/l	100
71) Bromoform	10.84	173	551206	47.491	ug/l #	97
73) Isopropylbenzene	11.00	105	2778275	51.073	ug/l	99
74) N-amyl acetate	10.88	43	1484392	49.062	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	904604	48.463	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	852191m	49.915	ug/l	
77) Bromobenzene	11.24	156	697720	48.085	ug/l	97
78) n-propylbenzene	11.35	91	3157166	50.756	ug/l	100
79) 2-Chlorotoluene	11.40	91	1900796	49.856	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2349213	50.567	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	337055	47.370	ug/l	97
82) 4-Chlorotoluene	11.50	91	2231167	49.920	ug/l	99
83) tert-Butylbenzene	11.76	119	2292771	50.525	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	2385156	50.381	ug/l	99
85) sec-Butylbenzene	11.93	105	2649824	50.489	ug/l	99
86) p-Isopropyltoluene	12.05	119	2492907	51.165	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1257351	48.405	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1282587	48.475	ug/l	99
89) n-Butylbenzene	12.37	91	2247669	51.050	ug/l	100
90) Hexachloroethane	12.58	117	474207	50.005	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1247762	49.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	238985	45.362	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	991867	49.328	ug/l	99
94) Hexachlorobutadiene	13.77	225	440181	45.979	ug/l	97
95) Naphthalene	13.82	128	3067624	50.014	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	949232	49.032	ug/l	99

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

