

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
 Data File : VW014540.D
 Acq On : 07 Jan 2020 10:16
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/8/2020 9:13:42 AM

Quant Time: Jan 08 05:52:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	635974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	955756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	825684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	409296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	313343	56.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.70%	
35) Dibromofluoromethane	7.88	113	313840	57.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.92%	
50) Toluene-d8	10.32	98	1285787	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
62) 4-Bromofluorobenzene	12.62	95	431231	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	175197	48.790	ug/l	100
3) Chloromethane	2.21	50	214738	48.856	ug/l	97
4) Vinyl Chloride	2.36	62	324209	50.151	ug/l	98
5) Bromomethane	2.78	94	204956	51.322	ug/l	99
6) Chloroethane	2.92	64	189380	51.390	ug/l	97
7) Trichlorofluoromethane	3.25	101	164154	50.751	ug/l	100
8) Diethyl Ether	3.68	74	152891	47.508	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	294843	48.786	ug/l	99
10) Methyl Iodide	4.28	142	448226	49.155	ug/l	99
11) Tert butyl alcohol	5.15	59	90052	206.010	ug/l	98
12) 1,1-Dichloroethene	4.04	96	309603	48.919	ug/l	97
13) Acrolein	3.89	56	127827	263.389	ug/l	97
14) Allyl chloride	4.66	41	493481	51.024	ug/l	99
15) Acrylonitrile	5.36	53	338203	229.907	ug/l	99
16) Acetone	4.11	43	401613	255.792	ug/l	100
17) Carbon Disulfide	4.38	76	939247	49.239	ug/l	100
18) Methyl Acetate	4.67	43	168976	44.562	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	393598	50.100	ug/l	98
20) Methylene Chloride	4.91	84	325776	51.428	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	332314	49.450	ug/l	96
22) Diisopropyl ether	6.31	45	925374	51.118	ug/l	99
23) Vinyl Acetate	6.25	43	2644232	241.893	ug/l	100
24) 1,1-Dichloroethane	6.21	63	573807	50.251	ug/l	100
25) 2-Butanone	7.16	43	475241	235.861	ug/l	100
26) 2,2-Dichloropropane	7.16	77	317537	50.227	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	347588	49.225	ug/l	98
28) Bromochloromethane	7.51	49	258597	57.764	ug/l	99
29) Tetrahydrofuran	7.52	42	270609	216.789	ug/l	99
30) Chloroform	7.67	83	538948	50.472	ug/l	97
31) Cyclohexane	7.95	56	555667	46.825	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	424598	49.440	ug/l	99
36) 1,1-Dichloropropene	8.08	75	457295	49.631	ug/l	100
37) Ethyl Acetate	7.24	43	191214	45.758	ug/l	98
38) Carbon Tetrachloride	8.06	117	391053	48.921	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	569882	48.196	ug/l	99
40) Benzene	8.32	78	1300926	49.902	ug/l	100
41) Methacrylonitrile	7.48	41	104398	44.817	ug/l	99
42) 1,2-Dichloroethane	8.40	62	326321	48.235	ug/l	100
43) Isopropyl Acetate	8.42	43	340757	44.906	ug/l	98
44) Trichloroethene	9.09	130	340467	48.264	ug/l	97
45) 1,2-Dichloropropane	9.37	63	320586	50.114	ug/l	99
46) Dibromomethane	9.46	93	150823	47.758	ug/l	98
47) Bromodichloromethane	9.64	83	387094	49.647	ug/l	99
48) Methyl methacrylate	9.43	41	167043	45.087	ug/l	99
49) 1,4-Dioxane	9.44	88	54091	915.751	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	889070	225.618	ug/l	100
52) Toluene	10.38	92	819478	49.966	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	394243	48.836	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	488771	49.539	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	217309	47.115	ug/l	98
56) Ethyl methacrylate	10.64	69	279023	46.549	ug/l	99
57) 1,3-Dichloropropane	10.93	76	390522	48.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	463857	254.443	ug/l	99
59) 2-Hexanone	10.96	43	654016	240.853	ug/l	98
60) Dibromochloromethane	11.13	129	249205	47.886	ug/l	98
61) 1,2-Dibromoethane	11.23	107	205265	46.884	ug/l	100
64) Tetrachloroethene	10.86	164	284373	47.573	ug/l	96
65) Chlorobenzene	11.65	112	821743	48.579	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	284026	49.869	ug/l	100
67) Ethyl Benzene	11.73	91	1522414	49.940	ug/l	97
68) m/p-Xylenes	11.83	106	1165812	99.922	ug/l	99
69) o-Xylene	12.16	106	531596	49.326	ug/l	100
70) Styrene	12.18	104	924009	50.690	ug/l	99
71) Bromoform	12.35	173	144957	46.661	ug/l #	99
73) Isopropylbenzene	12.46	105	1477466	49.196	ug/l	99
74) N-amyl acetate	12.27	43	304426	45.209	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	243303	44.884	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	182128m	47.064	ug/l	
77) Bromobenzene	12.74	156	337338	48.362	ug/l	99
78) n-propylbenzene	12.80	91	1761467	49.879	ug/l	100
79) 2-Chlorotoluene	12.89	91	986850	49.105	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1241104	49.219	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	81150	46.722	ug/l	99
82) 4-Chlorotoluene	12.99	91	1026390	49.158	ug/l	100
83) tert-Butylbenzene	13.21	119	1081467	48.985	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1243325	49.548	ug/l	100
85) sec-Butylbenzene	13.38	105	1500847	49.113	ug/l	100
86) p-Isopropyltoluene	13.49	119	1383228	49.659	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	666195	49.116	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	636436	47.528	ug/l	99
89) n-Butylbenzene	13.82	91	1300833	50.291	ug/l	99
90) Hexachloroethane	14.09	117	239791	49.279	ug/l	100
91) 1,2-Dichlorobenzene	13.86	146	577666	48.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	38162	44.457	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	396350	49.232	ug/l	99
94) Hexachlorobutadiene	15.24	225	258426	47.901	ug/l	100
95) Naphthalene	15.36	128	648189	47.210	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	336422	47.941	ug/l	98

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

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