

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011320\
 Data File : VW014613.D
 Acq On : 13 Jan 2020 10:02
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 1/14/2020 3:06:37 PM

Quant Time: Jan 14 12:20:08 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	823836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1208473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1026609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	502856	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	324243	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	
35) Dibromofluoromethane	7.88	113	333086	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	10.32	98	1383093	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.62	95	461209	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	209467	45.032	ug/l	98
3) Chloromethane	2.21	50	251743	44.215	ug/l	100
4) Vinyl Chloride	2.36	62	412107	49.211	ug/l	98
5) Bromomethane	2.78	94	252316	48.773	ug/l	100
6) Chloroethane	2.92	64	236497	49.542	ug/l	98
7) Trichlorofluoromethane	3.25	101	214164	51.114	ug/l	93
8) Diethyl Ether	3.68	74	188536	45.224	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	390308	49.855	ug/l	99
10) Methyl Iodide	4.27	142	567911	48.078	ug/l	99
11) Tert butyl alcohol	5.16	59	112402	197.583	ug/l	97
12) 1,1-Dichloroethene	4.04	96	400278	48.824	ug/l	99
13) Acrolein	3.88	56	147645	234.851	ug/l	99
14) Allyl chloride	4.66	41	616782	49.231	ug/l	99
15) Acrylonitrile	5.36	53	417121	218.894	ug/l	99
16) Acetone	4.11	43	480316	236.159	ug/l	100
17) Carbon Disulfide	4.38	76	1165650	47.173	ug/l	98
18) Methyl Acetate	4.67	43	204977	41.729	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	494938	48.633	ug/l	98
20) Methylene Chloride	4.91	84	404721	49.118	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	418595	48.085	ug/l	96
22) Diisopropyl ether	6.31	45	1148120	48.960	ug/l	97
23) Vinyl Acetate	6.24	43	3282980	231.841	ug/l	100
24) 1,1-Dichloroethane	6.21	63	719227	48.623	ug/l	99
25) 2-Butanone	7.16	43	566866	217.181	ug/l	98
26) 2,2-Dichloropropane	7.16	77	398132	48.615	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	445194	48.670	ug/l	99
28) Bromochloromethane	7.51	49	282331	48.684	ug/l	99
29) Tetrahydrofuran	7.52	42	331835	205.219	ug/l	99
30) Chloroform	7.67	83	669654	48.412	ug/l	100
31) Cyclohexane	7.95	56	715202	46.525	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	549831	49.423	ug/l	99
36) 1,1-Dichloropropene	8.08	75	578185	49.629	ug/l	99
37) Ethyl Acetate	7.24	43	232086	43.924	ug/l	99
38) Carbon Tetrachloride	8.07	117	511296	50.587	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	743023	49.698	ug/l	97
40) Benzene	8.32	78	1622920	49.235	ug/l	99
41) Methacrylonitrile	7.48	41	145506	49.402	ug/l	91
42) 1,2-Dichloroethane	8.40	62	404588	47.298	ug/l	100
43) Isopropyl Acetate	8.42	43	424955	44.290	ug/l	98
44) Trichloroethene	9.09	130	443012	49.668	ug/l	95
45) 1,2-Dichloropropane	9.37	63	398265	49.237	ug/l	96
46) Dibromomethane	9.46	93	186071	46.598	ug/l	99
47) Bromodichloromethane	9.64	83	491050	49.810	ug/l	100
48) Methyl methacrylate	9.43	41	206325	44.044	ug/l	98
49) 1,4-Dioxane	9.44	88	65706	879.767	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1087695	218.301	ug/l	99
52) Toluene	10.38	92	1022013	49.284	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	496537	48.645	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	613044	49.141	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	276263	47.371	ug/l	98
56) Ethyl methacrylate	10.64	69	355970	46.967	ug/l	100
57) 1,3-Dichloropropane	10.93	76	477769	46.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	625227	271.241	ug/l	100
59) 2-Hexanone	10.96	43	803203	233.937	ug/l	99
60) Dibromochloromethane	11.13	129	317694	48.281	ug/l	98
61) 1,2-Dibromoethane	11.23	107	254943	46.053	ug/l	100
64) Tetrachloroethene	10.86	164	368739	49.613	ug/l	98
65) Chlorobenzene	11.65	112	1044175	49.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.72	131	360781	50.948	ug/l	99
67) Ethyl Benzene	11.73	91	1932227	50.978	ug/l	99
68) m/p-Xylenes	11.83	106	1477450	101.848	ug/l	99
69) o-Xylene	12.16	106	683268	50.991	ug/l	100
70) Styrene	12.18	104	1165109	51.407	ug/l	99
71) Bromoform	12.35	173	182618	47.279	ug/l #	99
73) Isopropylbenzene	12.46	105	1907443	51.696	ug/l	100
74) N-amyl acetate	12.27	43	378285	45.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	300073	45.058	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	231201m	48.629	ug/l	
77) Bromobenzene	12.74	156	425231	49.621	ug/l	99
78) n-propylbenzene	12.80	91	2246344	51.774	ug/l	100
79) 2-Chlorotoluene	12.89	91	1240856	50.256	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1587599	51.246	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	100822	47.248	ug/l	98
82) 4-Chlorotoluene	12.99	91	1298451	50.618	ug/l	100
83) tert-Butylbenzene	13.21	119	1405195	51.806	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1573696	51.045	ug/l	100
85) sec-Butylbenzene	13.38	105	1943289	51.760	ug/l	100
86) p-Isopropyltoluene	13.49	119	1799974	52.598	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	832407	49.952	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	814652	49.518	ug/l	99
89) n-Butylbenzene	13.82	91	1678095	52.805	ug/l	100
90) Hexachloroethane	14.09	117	314091	52.539	ug/l	99
91) 1,2-Dichlorobenzene	13.86	146	728201	49.718	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	46645	44.229	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	511136	51.678	ug/l	99
94) Hexachlorobutadiene	15.24	225	338492	51.068	ug/l	98
95) Naphthalene	15.36	128	817196	48.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	429569	49.826	ug/l	99

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

