

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014538.D
 Acq On : 06 Jan 2020 21:36
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 1/7/2020 2:03:07 PM

Quant Time: Jan 07 12:03:18 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	862281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1309951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1133169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	550195	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	378472	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	7.88	113	377775	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
50) Toluene-d8	10.32	98	1552007	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.62	95	511665	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	223352	45.876	ug/l	98
3) Chloromethane	2.21	50	265529	44.557	ug/l	100
4) Vinyl Chloride	2.36	62	434958	49.624	ug/l	98
5) Bromomethane	2.78	94	273910	50.587	ug/l	100
6) Chloroethane	2.92	64	258501	51.737	ug/l	100
7) Trichlorofluoromethane	3.25	101	189882	43.298	ug/l	100
8) Diethyl Ether	3.68	74	226608	51.933	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	405615	49.501	ug/l	100
10) Methyl Iodide	4.27	142	634721	51.338	ug/l	99
11) Tert butyl alcohol	5.16	59	140828	241.489	ug/l	99
12) 1,1-Dichloroethene	4.04	96	427885	49.864	ug/l	99
13) Acrolein	3.89	56	193038	293.365	ug/l	97
14) Allyl chloride	4.66	41	671980	51.245	ug/l	99
15) Acrylonitrile	5.35	53	516027	258.724	ug/l	99
16) Acetone	4.12	43	408519	191.903	ug/l	100
17) Carbon Disulfide	4.39	76	1274271	49.270	ug/l	99
18) Methyl Acetate	4.67	43	271264	52.762	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	589772	55.368	ug/l	100
20) Methylene Chloride	4.91	84	466266	54.565	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	460432	50.533	ug/l	99
22) Diisopropyl ether	6.31	45	1311778	53.445	ug/l	99
23) Vinyl Acetate	6.25	43	3865445	260.803	ug/l	100
24) 1,1-Dichloroethane	6.21	63	796281	51.432	ug/l	99
25) 2-Butanone	7.17	43	642497	235.182	ug/l	100
26) 2,2-Dichloropropane	7.16	77	380720	44.416	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	490684	51.252	ug/l	99
28) Bromochloromethane	7.51	49	331454	54.607	ug/l	100
29) Tetrahydrofuran	7.52	42	425457	251.387	ug/l	99
30) Chloroform	7.67	83	744966	51.455	ug/l	100
31) Cyclohexane	7.95	56	762991	47.421	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	584867	50.229	ug/l	100
36) 1,1-Dichloropropene	8.08	75	622532	49.296	ug/l	100
37) Ethyl Acetate	7.25	43	286872	50.087	ug/l	99
38) Carbon Tetrachloride	8.07	117	524798	47.901	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	794228	49.007	ug/l	97
40) Benzene	8.32	78	1809275	50.637	ug/l	100
41) Methacrylonitrile	7.48	41	159918	50.089	ug/l	99
42) 1,2-Dichloroethane	8.40	62	469327	50.616	ug/l	99
43) Isopropyl Acetate	8.42	43	540549	51.974	ug/l	100
44) Trichloroethene	9.09	130	481330	49.784	ug/l	97
45) 1,2-Dichloropropane	9.37	63	451144	51.454	ug/l	96
46) Dibromomethane	9.46	93	216837	50.096	ug/l	99
47) Bromodichloromethane	9.64	83	551290	51.588	ug/l	98
48) Methyl methacrylate	9.43	41	266395	52.462	ug/l	99
49) 1,4-Dioxane	9.44	88	75009	926.526	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1405028	260.145	ug/l	100
52) Toluene	10.38	92	1140417	50.734	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	557992	50.431	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	684834	50.643	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	324887	51.393	ug/l	98
56) Ethyl methacrylate	10.65	69	437829	53.293	ug/l	99
57) 1,3-Dichloropropane	10.93	76	562865	50.661	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	707906	283.318	ug/l	99
59) 2-Hexanone	10.96	43	947142	254.490	ug/l	99
60) Dibromochloromethane	11.13	129	357323	50.097	ug/l	98
61) 1,2-Dibromoethane	11.23	107	302118	50.347	ug/l	99
64) Tetrachloroethene	10.86	164	396384	48.317	ug/l	99
65) Chlorobenzene	11.65	112	1165593	50.208	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	393131	50.295	ug/l	99
67) Ethyl Benzene	11.73	91	2086364	49.869	ug/l	99
68) m/p-Xylenes	11.84	106	1611769	100.659	ug/l	99
69) o-Xylene	12.16	106	750371	50.733	ug/l	100
70) Styrene	12.18	104	1280338	51.179	ug/l	100
71) Bromoform	12.35	173	211455	49.596	ug/l #	97
73) Isopropylbenzene	12.46	105	2038209	50.487	ug/l	100
74) N-amyl acetate	12.27	43	474403	52.409	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	370229	50.809	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	278808m	53.596	ug/l	
77) Bromobenzene	12.74	156	473292	50.477	ug/l	100
78) n-propylbenzene	12.80	91	2405852	50.680	ug/l	100
79) 2-Chlorotoluene	12.89	91	1349564	49.956	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1691427	49.900	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	114797	49.168	ug/l	98
82) 4-Chlorotoluene	12.99	91	1405469	50.076	ug/l	100
83) tert-Butylbenzene	13.21	119	1483080	49.973	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	1691309	50.140	ug/l	100
85) sec-Butylbenzene	13.38	105	2046175	49.811	ug/l	100
86) p-Isopropyltoluene	13.49	119	1848652	49.372	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	902780	49.513	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	883001	49.054	ug/l	100
89) n-Butylbenzene	13.82	91	1726802	49.663	ug/l	100
90) Hexachloroethane	14.09	117	318680	48.720	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	791329	49.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	55605	48.188	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	521712	48.209	ug/l	99
94) Hexachlorobutadiene	15.24	225	324355	44.725	ug/l	99
95) Naphthalene	15.36	128	915476	49.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	450318	47.738	ug/l	99

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

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