

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018359.D
 Acq On : 17 Mar 2021 21:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 3/18/2021 4:12:59 PM

Quant Time: Mar 18 03:17:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:51:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.945	168	372425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	666938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	608090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	313511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	202913	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.884	113	183661	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.323	98	721572	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
62) 4-Bromofluorobenzene	12.615	95	279234	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	111800	42.21	ug/l	97
3) Chloromethane	2.221	50	196611	47.98	ug/l	96
4) Vinyl Chloride	2.367	62	250124	63.14	ug/l	96
5) Bromomethane	2.782	94	186246	57.64	ug/l	97
6) Chloroethane	2.928	64	166239	53.65	ug/l	94
7) Trichlorofluoromethane	3.263	101	133851	43.49	ug/l	92
8) Diethyl Ether	3.684	74	95878	51.60	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	172596	49.62	ug/l	96
10) Methyl Iodide	4.275	142	268072	52.42	ug/l	97
11) Tert butyl alcohol	5.159	59	64972	268.43	ug/l	97
12) 1,1-Dichloroethene	4.044	96	183658	51.30	ug/l	95
13) Acrolein	3.891	56	37622	240.86	ug/l	97
14) Allyl chloride	4.665	41	252181	51.70	ug/l	97
15) Acrylonitrile	5.367	53	196351	266.95	ug/l	100
16) Acetone	4.117	43	144920	243.78	ug/l	97
17) Carbon Disulfide	4.391	76	502233	53.45	ug/l	99
18) Methyl Acetate	4.665	43	84168	53.92	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	280395	52.19	ug/l	98
20) Methylene Chloride	4.915	84	212335	55.41	ug/l	93
21) trans-1,2-Dichloroethene	5.421	96	216745	51.47	ug/l	92
22) Diisopropyl ether	6.311	45	529770	52.87	ug/l	97
23) Vinyl Acetate	6.250	43	1648622	265.94	ug/l	97
24) 1,1-Dichloroethane	6.214	63	385022	53.59	ug/l	99
25) 2-Butanone	7.171	43	237032	269.11	ug/l	92
26) 2,2-Dichloropropane	7.165	77	225670	48.85	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	241950	52.71	ug/l	93
28) Bromochloromethane	7.512	49	147183	52.43	ug/l	88
29) Tetrahydrofuran	7.531	42	155010	271.20	ug/l	95
30) Chloroform	7.677	83	405889	53.59	ug/l	97
31) Cyclohexane	7.957	56	326685	47.97	ug/l	94
32) 1,1,1-Trichloroethane	7.872	97	328407	53.30	ug/l	98
36) 1,1-Dichloropropene	8.079	75	317045	48.12	ug/l	99
37) Ethyl Acetate	7.250	43	110807	48.09	ug/l	99
38) Carbon Tetrachloride	8.073	117	304539	49.45	ug/l	99
39) Methylcyclohexane	9.335	83	396904	47.57	ug/l	96
40) Benzene	8.323	78	882013	50.00	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	62855	50.42	ug/l	95
42) 1,2-Dichloroethane	8.403	62	279162	50.39	ug/l	99
43) Isopropyl Acetate	8.421	43	228881	49.48	ug/l	96
44) Trichloroethene	9.091	130	234155	49.29	ug/l	97
45) 1,2-Dichloropropane	9.366	63	212315	49.81	ug/l	99
46) Dibromomethane	9.457	93	116136	48.79	ug/l	97
47) Bromodichloromethane	9.646	83	310529	50.14	ug/l	98
48) Methyl methacrylate	9.433	41	107886	49.19	ug/l	96
49) 1,4-Dioxane	9.445	88	37319	1080.49	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	555946	246.13	ug/l	99
52) Toluene	10.384	92	582337	50.05	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	308153	48.86	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	358461	49.81	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	158385	49.17	ug/l	95
56) Ethyl methacrylate	10.646	69	212505	50.72	ug/l	98
57) 1,3-Dichloropropane	10.933	76	289994	50.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	527189	247.98	ug/l	96
59) 2-Hexanone	10.969	43	391520	251.77	ug/l	97
60) Dibromochloromethane	11.128	129	197911	49.88	ug/l	100
61) 1,2-Dibromoethane	11.237	107	158630	50.12	ug/l	99
64) Tetrachloroethene	10.859	164	188033	48.47	ug/l	92
65) Chlorobenzene	11.652	112	620582	50.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	217853	50.25	ug/l	97
67) Ethyl Benzene	11.731	91	1159076	49.89	ug/l	98
68) m/p-Xylenes	11.841	106	892056	101.20	ug/l	98
69) o-Xylene	12.164	106	414538	50.26	ug/l	98
70) Styrene	12.176	104	697780	50.61	ug/l	100
71) Bromoform	12.347	173	113830	51.50	ug/l #	98
73) Isopropylbenzene	12.463	105	1140805	48.30	ug/l	98
74) N-amyl acetate	12.274	43	219084	47.14	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	188074	48.81	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	123097m	42.70	ug/l	
77) Bromobenzene	12.749	156	239865	47.44	ug/l	97
78) n-propylbenzene	12.804	91	1349575	47.93	ug/l	98
79) 2-Chlorotoluene	12.890	91	787757	48.84	ug/l	94
80) 1,3,5-Trimethylbenzene	12.938	105	1001188	49.16	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	61086	46.39	ug/l	93
82) 4-Chlorotoluene	12.987	91	832512	48.97	ug/l	96
83) tert-Butylbenzene	13.207	119	844369	48.89	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	1012791	49.66	ug/l	98
85) sec-Butylbenzene	13.383	105	1165426	47.90	ug/l	97
86) p-Isopropyltoluene	13.493	119	1074438	49.15	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	507906	49.78	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	496685	48.81	ug/l	97
89) n-Butylbenzene	13.822	91	1041921	48.05	ug/l	98
90) Hexachloroethane	14.091	117	198351	49.39	ug/l	97
91) 1,2-Dichlorobenzene	13.865	146	449962	50.06	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	33376	46.73	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	301267	47.34	ug/l	94
94) Hexachlorobutadiene	15.231	225	169038	46.90	ug/l	88
95) Naphthalene	15.365	128	565611	48.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	267863	50.59	ug/l	98

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

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