

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018328.D
 Acq On : 12 Mar 2021 20:48
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW031421

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:40:32 PM

Quant Time: Mar 13 05:00:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:56:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	134882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	221047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	203736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	95487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	80369	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	7.884	113	75903	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.323	98	283917	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.615	95	104197	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	58068	47.26	ug/l	90
3) Chloromethane	2.221	50	48439	47.85	ug/l	95
4) Vinyl Chloride	2.367	62	71837	47.15	ug/l	100
5) Bromomethane	2.782	94	56696	46.74	ug/l	99
6) Chloroethane	2.934	64	45854	49.09	ug/l	97
7) Trichlorofluoromethane	3.263	101	75256	50.74	ug/l	100
8) Diethyl Ether	3.690	74	35698	48.86	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	76934	47.13	ug/l	100
10) Methyl Iodide	4.281	142	111173	49.96	ug/l	99
11) Tert butyl alcohol	5.165	59	15619	225.43	ug/l	99
12) 1,1-Dichloroethene	4.044	96	77035	49.05	ug/l	93
13) Acrolein	3.897	56	20511	225.85	ug/l	99
14) Allyl chloride	4.672	41	89221	50.41	ug/l	98
15) Acrylonitrile	5.367	53	68549	237.40	ug/l	100
16) Acetone	4.123	43	54877	239.21	ug/l	90
17) Carbon Disulfide	4.391	76	209266	49.37	ug/l	98
18) Methyl Acetate	4.672	43	28552	48.45	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	93184	49.46	ug/l	97
20) Methylene Chloride	4.928	84	83247	49.37	ug/l	97
21) trans-1,2-Dichloroethene	5.428	96	86579	49.13	ug/l	97
22) Diisopropyl ether	6.312	45	180709	49.40	ug/l	96
23) Vinyl Acetate	6.257	43	554968	250.94	ug/l	100
24) 1,1-Dichloroethane	6.214	63	138684	49.05	ug/l	100
25) 2-Butanone	7.171	43	78642	239.07	ug/l	99
26) 2,2-Dichloropropane	7.171	77	89462	50.67	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	94393	49.39	ug/l	99
28) Bromochloromethane	7.513	49	49537	48.42	ug/l	99
29) Tetrahydrofuran	7.531	42	49116	234.36	ug/l	99
30) Chloroform	7.677	83	160281	49.69	ug/l	100
31) Cyclohexane	7.958	56	118332	46.65	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	139945	50.94	ug/l	99
36) 1,1-Dichloropropene	8.086	75	124606	51.93	ug/l	99
37) Ethyl Acetate	7.250	43	36601	49.01	ug/l	99
38) Carbon Tetrachloride	8.073	117	134794	53.18	ug/l #	97
39) Methylcyclohexane	9.335	83	150233	52.59	ug/l	98
40) Benzene	8.323	78	325967	51.78	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	20164	48.06	ug/l	89
42) 1,2-Dichloroethane	8.403	62	102282	49.29	ug/l	99
43) Isopropyl Acetate	8.421	43	72123	51.17	ug/l	99
44) Trichloroethene	9.092	130	93238	51.41	ug/l	97
45) 1,2-Dichloropropane	9.372	63	73258	50.73	ug/l	94
46) Dibromomethane	9.457	93	44539	49.85	ug/l	99
47) Bromodichloromethane	9.646	83	119414	52.10	ug/l	96
48) Methyl methacrylate	9.439	41	34053	49.31	ug/l	93
49) 1,4-Dioxane	9.451	88	10272	951.68	ug/l	98
51) 4-Methyl-2-Pentanone	10.207	43	182622	253.58	ug/l	99
52) Toluene	10.390	92	213162	51.08	ug/l	96
53) t-1,3-Dichloropropene	10.610	75	109156	53.57	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	127846	53.23	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	59742	49.90	ug/l	96
56) Ethyl methacrylate	10.646	69	71176	52.65	ug/l	98
57) 1,3-Dichloropropane	10.933	76	103129	51.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	182284	268.70	ug/l	99
59) 2-Hexanone	10.969	43	124414	254.67	ug/l	99
60) Dibromochloromethane	11.128	129	76611	52.79	ug/l	100
61) 1,2-Dibromoethane	11.238	107	59001	50.21	ug/l	97
64) Tetrachloroethene	10.866	164	74143	50.88	ug/l	88
65) Chlorobenzene	11.658	112	231315	49.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	83533	50.90	ug/l	99
67) Ethyl Benzene	11.731	91	426468	49.59	ug/l	96
68) m/p-Xylenes	11.841	106	323617	101.27	ug/l	99
69) o-Xylene	12.164	106	145695	49.82	ug/l	98
70) Styrene	12.182	104	248665	49.85	ug/l	99
71) Bromoform	12.353	173	40019	52.65	ug/l #	99
73) Isopropylbenzene	12.463	105	430626	51.83	ug/l	100
74) N-amyl acetate	12.274	43	66134	51.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	67662	50.67	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	45147m	50.29	ug/l	
77) Bromobenzene	12.749	156	93080	53.31	ug/l	93
78) n-propylbenzene	12.804	91	507340	52.01	ug/l	99
79) 2-Chlorotoluene	12.896	91	281585	49.79	ug/l	93
80) 1,3,5-Trimethylbenzene	12.945	105	357444	50.25	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	18265	50.95	ug/l	99
82) 4-Chlorotoluene	12.987	91	301494	50.91	ug/l	99
83) tert-Butylbenzene	13.207	119	314041	52.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	370762	52.45	ug/l	99
85) sec-Butylbenzene	13.383	105	439361	52.58	ug/l	100
86) p-Isopropyltoluene	13.499	119	403123	52.50	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	177591	50.32	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	176356	50.93	ug/l	97
89) n-Butylbenzene	13.822	91	374018	50.99	ug/l	98
90) Hexachloroethane	14.091	117	69863	52.73	ug/l	92
91) 1,2-Dichlorobenzene	13.865	146	158966	52.73	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	11822	51.08	ug/l	98
93) 1,2,4-Trichlorobenzene	15.133	180	106164	51.64	ug/l	91
94) Hexachlorobutadiene	15.231	225	59750	49.91	ug/l	92
95) Naphthalene	15.365	128	211767	53.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	94302	52.95	ug/l	99

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

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