

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018346.D
 Acq On : 17 Mar 2021 14:54
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Mar 17 18:23:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:21:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	438407	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	720492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	661100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	327089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	94809	17.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.32%	
35) Dibromofluoromethane	7.884	113	82885	17.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.02%	
50) Toluene-d8	10.323	98	345031	19.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.84%	
62) 4-Bromofluorobenzene	12.615	95	126822	19.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.72%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	68777	17.82	ug/l	97
3) Chloromethane	2.221	50	100953	28.69	ug/l	99
4) Vinyl Chloride	2.367	62	92133	18.51	ug/l	96
5) Bromomethane	2.781	94	75950	19.48	ug/l	97
6) Chloroethane	2.928	64	75701	24.39	ug/l	100
7) Trichlorofluoromethane	3.263	101	73848	16.21	ug/l	92
8) Diethyl Ether	3.684	74	42219	18.28	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.074	101	84572	16.62	ug/l	96
10) Methyl Iodide	4.275	142	118035	17.00	ug/l	96
11) Tert butyl alcohol	5.153	59	28073	119.35	ug/l	# 84
12) 1,1-Dichloroethene	4.043	96	84311	17.17	ug/l	95
13) Acrolein	3.897	56	25152	89.97	ug/l	99
14) Allyl chloride	4.665	41	117229	20.67	ug/l	96
15) Acrylonitrile	5.366	53	85262	91.82	ug/l	99
16) Acetone	4.117	43	69593	94.81	ug/l	100
17) Carbon Disulfide	4.385	76	222416	16.75	ug/l	98
18) Methyl Acetate	4.671	43	35350	18.64	ug/l	98
19) Methyl tert-butyl Ether	5.421	73	125043	20.44	ug/l	97
20) Methylene Chloride	4.921	84	101562	15.03	ug/l	94
21) trans-1,2-Dichloroethene	5.421	96	96173	17.40	ug/l	86
22) Diisopropyl ether	6.311	45	239716	20.45	ug/l	97
23) Vinyl Acetate	6.250	43	739249	103.55	ug/l	94
24) 1,1-Dichloroethane	6.214	63	168306	18.81	ug/l	99
25) 2-Butanone	7.171	43	103231	97.24	ug/l	98
26) 2,2-Dichloropropane	7.171	77	108967	19.37	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	107258	17.93	ug/l	92
28) Bromochloromethane	7.512	49	65258	19.64	ug/l	86
29) Tetrahydrofuran	7.531	42	66728	98.31	ug/l	96
30) Chloroform	7.677	83	176839	17.49	ug/l	94
31) Cyclohexane	7.957	56	158922	19.49	ug/l	89
32) 1,1,1-Trichloroethane	7.872	97	143929	16.74	ug/l	97
36) 1,1-Dichloropropene	8.079	75	142408	18.65	ug/l	100
37) Ethyl Acetate	7.256	43	47425	19.47	ug/l	97
38) Carbon Tetrachloride	8.067	117	131669	16.61	ug/l	95
39) Methylcyclohexane	9.335	83	183906	20.00	ug/l	97
40) Benzene	8.323	78	383239	19.07	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	27453	20.24	ug/l	95
42) 1,2-Dichloroethane	8.402	62	120512	18.27	ug/l	100
43) Isopropyl Acetate	8.427	43	100776	21.75	ug/l	96
44) Trichloroethene	9.091	130	102252	17.85	ug/l	96
45) 1,2-Dichloropropane	9.366	63	92041	19.86	ug/l	100
46) Dibromomethane	9.457	93	51585	18.14	ug/l	97
47) Bromodichloromethane	9.646	83	133192	18.30	ug/l	91
48) Methyl methacrylate	9.433	41	46085	20.36	ug/l	94
49) 1,4-Dioxane	9.445	88	14519	408.78	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	243086	103.11	ug/l	98
52) Toluene	10.390	92	250052	18.79	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	136749	20.76	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	153555	19.82	ug/l	94
55) 1,1,2-Trichloroethane	10.786	97	69626	18.19	ug/l	96
56) Ethyl methacrylate	10.646	69	90006	20.44	ug/l	95
57) 1,3-Dichloropropane	10.932	76	123072	18.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.926	63	217617	97.88	ug/l	94
59) 2-Hexanone	10.969	43	168160	104.81	ug/l	97
60) Dibromochloromethane	11.127	129	84082	18.24	ug/l	100
61) 1,2-Dibromoethane	11.237	107	66934	17.88	ug/l	99
64) Tetrachloroethene	10.859	164	82527	17.74	ug/l	95
65) Chlorobenzene	11.658	112	258920	17.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	90546	17.36	ug/l	97
67) Ethyl Benzene	11.731	91	498421	18.24	ug/l	100
68) m/p-Xylenes	11.841	106	376165	36.97	ug/l	98
69) o-Xylene	12.164	106	175107	18.78	ug/l	98
70) Styrene	12.182	104	292927	18.34	ug/l	99
71) Bromoform	12.347	173	45323	18.44	ug/l #	99
73) Isopropylbenzene	12.463	105	488121	17.84	ug/l	100
74) N-amyl acetate	12.274	43	96863	21.96	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	81257	18.36	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	66498m	21.73	ug/l	
77) Bromobenzene	12.749	156	106329	18.47	ug/l	96
78) n-propylbenzene	12.804	91	598909	18.67	ug/l	99
79) 2-Chlorotoluene	12.889	91	336308	18.07	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	430028	18.39	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.511	75	26603	21.49	ug/l	93
82) 4-Chlorotoluene	12.987	91	358372	18.34	ug/l	98
83) tert-Butylbenzene	13.200	119	363613	18.25	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	435576	18.64	ug/l	97
85) sec-Butylbenzene	13.383	105	516026	18.61	ug/l	100
86) p-Isopropyltoluene	13.493	119	466632	18.32	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	215212	18.50	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	211385	18.42	ug/l	98
89) n-Butylbenzene	13.822	91	466322	19.15	ug/l	98
90) Hexachloroethane	14.090	117	84059	19.02	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	192286	19.25	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	14341	18.59	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	130001	18.79	ug/l	97
94) Hexachlorobutadiene	15.230	225	77278	19.46	ug/l	90
95) Naphthalene	15.365	128	245500	18.51	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	108286	18.37	ug/l	95

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

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