

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110521\
 Data File : VW020758.D
 Acq On : 04 Nov 2021 13:14
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 04 15:40:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110521S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 04 15:39:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	102939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	150330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	141283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	74048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	6292	6.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.500%#
35) Dibromofluoromethane	7.884	113	5872	6.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	12.020%#
50) Toluene-d8	10.323	98	21978	6.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	12.640%#
62) 4-Bromofluorobenzene	12.615	95	8625	6.925	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	13.860%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.013	85	964	3.771	ug/l	97
3) Chloromethane	2.215	50	4476	7.125	ug/l	99
4) Vinyl Chloride	2.361	62	5079	4.458	ug/l	97
5) Bromomethane	2.775	94	3658	3.914	ug/l	88
6) Chloroethane	2.922	64	2366	4.950	ug/l	94
7) Trichlorofluoromethane	3.251	101	2914	7.075	ug/l	90
8) Diethyl Ether	3.678	74	2582	6.399	ug/l #	49
9) 1,1,2-Trichlorotrifluo...	4.068	101	4913	5.233	ug/l	93
10) Methyl Iodide	4.269	142	6193	5.103	ug/l	98
11) Tert butyl alcohol	5.165	59	2269	52.594	ug/l #	85
12) 1,1-Dichloroethene	4.037	96	5441	6.177	ug/l #	79
13) Acrolein	3.891	56	616	40.630	ug/l #	53
14) Allyl chloride	4.665	41	8842	10.501	ug/l #	83
15) Acrylonitrile	5.366	53	6424	40.893	ug/l	97
16) Acetone	4.123	43	8526	54.588	ug/l	94
17) Carbon Disulfide	4.385	76	14249	6.311	ug/l #	93
18) Methyl Acetate	4.671	43	5783	10.997	ug/l #	77
19) Methyl tert-butyl Ether	5.427	73	8310	7.894	ug/l	93
20) Methylene Chloride	4.915	84	12953	10.500	ug/l #	68
21) trans-1,2-Dichloroethene	5.421	96	5648	5.814	ug/l	89
22) Diisopropyl ether	6.311	45	17581	8.964	ug/l #	88
23) Vinyl Acetate	6.256	43	44906	42.029	ug/l #	86
24) 1,1-Dichloroethane	6.214	63	10279	6.647	ug/l	94
25) 2-Butanone	7.171	43	9199	46.524	ug/l #	77
26) 2,2-Dichloropropane	7.159	77	7176	7.614	ug/l	97
27) cis-1,2-Dichloroethene	7.165	96	6442	6.008	ug/l	85
28) Bromochloromethane	7.512	49	4692	7.426	ug/l #	67
29) Tetrahydrofuran	7.531	42	5797	49.642	ug/l #	71
30) Chloroform	7.671	83	10945	5.917	ug/l	93
31) Cyclohexane	7.951	56	12583	8.873	ug/l #	72
32) 1,1,1-Trichloroethane	7.872	97	9173	6.175	ug/l	95
36) 1,1-Dichloropropene	8.085	75	8122	6.499	ug/l	94
37) Ethyl Acetate	7.256	43	3685	8.905	ug/l #	89
38) Carbon Tetrachloride	8.067	117	8340	6.267	ug/l	88
39) Methylcyclohexane	9.335	83	10968	7.205	ug/l #	84
40) Benzene	8.323	78	23244	6.478	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	2524	11.780	ug/l #	79
42) 1,2-Dichloroethane	8.396	62	6912	6.715	ug/l	99
43) Isopropyl Acetate	8.427	43	7604	9.414	ug/l #	87
44) Trichloroethene	9.091	130	6252	5.758	ug/l	95
45) 1,2-Dichloropropane	9.366	63	5661	7.127	ug/l	98
46) Dibromomethane	9.457	93	3170	5.968	ug/l	96
47) Bromodichloromethane	9.646	83	8095	6.400	ug/l	99
48) Methyl methacrylate	9.433	41	3828	10.272	ug/l #	72
49) 1,4-Dioxane	9.439	88	805	129.471	ug/l #	50
51) 4-Methyl-2-Pentanone	10.207	43	19415	46.563	ug/l	86
52) Toluene	10.384	92	14518	6.247	ug/l	92
53) t-1,3-Dichloropropene	10.609	75	8341	7.030	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	9330	6.865	ug/l #	85
55) 1,1,2-Trichloroethane	10.786	97	4230	5.836	ug/l	92
56) Ethyl methacrylate	10.646	69	6457	8.009	ug/l #	79
57) 1,3-Dichloropropane	10.932	76	7420	6.349	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	12768	36.628	ug/l	90
59) 2-Hexanone	10.969	43	15113	51.306	ug/l	82
60) Dibromochloromethane	11.128	129	5347	5.866	ug/l	99
61) 1,2-Dibromoethane	11.237	107	4268	5.944	ug/l	97
64) Tetrachloroethene	10.865	164	5238	5.532	ug/l	94
65) Chlorobenzene	11.658	112	15316	5.660	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	5639	5.616	ug/l	95
67) Ethyl Benzene	11.731	91	28467	6.186	ug/l	98
68) m/p-Xylenes	11.841	106	22347	12.100	ug/l	98
69) o-Xylene	12.164	106	10786	6.226	ug/l	94
70) Styrene	12.176	104	17617	6.072	ug/l	93
71) Bromoform	12.347	173	3439	6.060	ug/l #	95
73) Isopropylbenzene	12.463	105	29112	6.371	ug/l	98
74) N-amyl acetate	12.268	43	7649	9.675	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.713	83	5165	6.197	ug/l	99
76) 1,2,3-Trichloropropane	12.761	75	3482m	5.835	ug/l	
77) Bromobenzene	12.743	156	6569	5.798	ug/l	84
78) n-propylbenzene	12.804	91	34319	6.197	ug/l	98
79) 2-Chlorotoluene	12.889	91	19481	6.201	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	24895	6.345	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	1739	7.066	ug/l #	79
82) 4-Chlorotoluene	12.987	91	20639	6.294	ug/l	97
83) tert-Butylbenzene	13.206	119	21536	6.292	ug/l	91
84) 1,2,4-Trimethylbenzene	13.249	105	24735	6.415	ug/l	100
85) sec-Butylbenzene	13.383	105	31531	6.091	ug/l	99
86) p-Isopropyltoluene	13.499	119	26222	6.034	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	13558	5.750	ug/l	92
88) 1,4-Dichlorobenzene	13.578	146	13652	5.791	ug/l	97
89) n-Butylbenzene	13.822	91	25665	6.291	ug/l	97
90) Hexachloroethane	14.090	117	5162	6.000	ug/l	86
91) 1,2-Dichlorobenzene	13.865	146	12220	5.820	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1027	8.132	ug/l	78
93) 1,2,4-Trichlorobenzene	15.133	180	8846	6.631	ug/l	95
94) Hexachlorobutadiene	15.230	225	5073	6.697	ug/l	96
95) Naphthalene	15.365	128	16657	7.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	7896	6.915	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

