

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021668.D
 Acq On : 28 Dec 2021 11:03
 Operator : SY/VA
 Sample : VSTD02540
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025440

Quant Time: Dec 28 11:53:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 28 11:51:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	99243	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	100254	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	60242	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	51535	28.264	ug/L	0.00
7) Chloroethane-d5	2.885	69	34436	28.340	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	73625	29.543	ug/L	0.00
21) 2-Butanone-d5	7.086	46	15783	58.317	ug/L	0.00
24) Chloroform-d	7.653	84	78422	27.414	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	41358	27.129	ug/L	0.00
32) Benzene-d6	8.275	84	146071	26.192	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	39400	26.151	ug/L	0.00
41) Toluene-d8	10.323	98	143747	25.450	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	20000	28.214	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	13261	57.766	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34386	26.663	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	58566	24.981	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	16079	36.963	ug/L	91
3) Chloromethane	2.215	50	39804	29.560	ug/L	98
5) Vinyl chloride	2.361	62	58888	28.576	ug/L	98
6) Bromomethane	2.776	94	37942	28.354	ug/L	97
8) Chloroethane	2.916	64	28107	29.318	ug/L	99
9) Trichlorofluoromethane	3.257	101	34233	30.688	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	41963	29.543	ug/L	91
12) 1,1-Dichloroethene	4.038	96	37456	29.331	ug/L	85
13) Acetone	4.129	43	12295	51.229	ug/L	93
14) Carbon disulfide	4.385	76	113380	33.257	ug/L	100
15) Methyl Acetate	4.678	43	12892	30.820	ug/L	# 87
16) Methylene chloride	4.915	84	38317	22.776	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	39518	28.635	ug/L	87
18) Methyl tert-butyl Ether	5.434	73	58614	30.002	ug/L	95
19) 1,1-Dichloroethane	6.214	63	62095	28.554	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	41345	28.406	ug/L	78
22) 2-Butanone	7.177	43	17999	56.796	ug/L	83
23) Bromochloromethane	7.519	128	20346	29.553	ug/L	# 65
25) Chloroform	7.677	83	71849	28.434	ug/L	99
27) 1,2-Dichloroethane	8.403	62	47371	29.202	ug/L	95
29) Cyclohexane	7.958	56	58908	28.584	ug/L	# 80
30) 1,1,1-Trichloroethane	7.878	97	66869	28.673	ug/L	95
31) Carbon tetrachloride	8.073	117	64357	29.606	ug/L	97
33) Benzene	8.323	78	154146	27.357	ug/L	100
34) Trichloroethene	9.092	95	43646	27.519	ug/L	95
35) Methylcyclohexane	9.335	83	73214	28.002	ug/L	# 84
37) 1,2-Dichloropropane	9.372	63	33905	26.976	ug/L	# 96
38) Bromodichloromethane	9.646	83	52575	29.805	ug/L	# 95
39) cis-1,3-Dichloropropene	10.073	75	58543	29.177	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	39856	56.829	ug/L	# 92
42) Toluene	10.390	91	177707	27.227	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	53435	30.034	ug/L	100

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

45) 1,1,2-Trichloroethane	10.786	97	29583	28.347	ug/L	91
46) Tetrachloroethene	10.859	164	41404	27.646	ug/L	95
48) 2-Hexanone	10.969	43	29312	58.206	ug/L #	92
49) Dibromochloromethane	11.128	129	39911	30.455	ug/L	100
50) 1,2-Dibromoethane	11.237	107	31007	29.496	ug/L	99
51) Chlorobenzene	11.658	112	115572	26.497	ug/L	91
52) Ethylbenzene	11.731	91	200328	27.028	ug/L	99
53) m,p-Xylene	11.841	106	80849	27.124	ug/L	86
54) o-Xylene	12.164	106	77383	27.451	ug/L	88
55) Styrene	12.176	104	132599	27.396	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	34430	29.022	ug/L #	99
59) Bromoform	12.347	173	24894	31.903	ug/L	94
60) Isopropylbenzene	12.463	105	215213	26.100	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	24794	27.419	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.944	105	185257	26.319	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	187749	26.881	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	102493	26.046	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	99370	25.572	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	91507	26.461	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5735	29.657	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	78657	26.930	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	63290	26.523	ug/L	92
71) Naphthalene	15.359	128	105627	27.180	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	51614	26.456	ug/L	98

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

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