

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW123021\
 Data File : VW021700.D
 Acq On : 30 Dec 2021 08:40
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Dec 31 00:49:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	81097	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	80349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50448	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42693	26.700	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	106.800%	
7) Chloroethane-d5	2.879	69	30867	28.662	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	114.640%	
11) 1,1-Dichloroethene-d2	4.013	63	56552	24.168	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	96.680%	
21) 2-Butanone-d5	7.080	46	10994	46.997	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	94.000%	
24) Chloroform-d	7.647	84	61758	24.379	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	97.520%	
26) 1,2-Dichloroethane-d4	8.305	65	31443	23.506	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	94.040%	
32) Benzene-d6	8.274	84	114194	23.935	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	95.760%	
36) 1,2-Dichloropropane-d6	9.274	67	32066	24.776	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	99.120%	
41) Toluene-d8	10.323	98	116577	24.524	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	98.080%	
43) trans-1,3-Dichloroprop...	10.579	79	14654	23.269	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	93.080%	
47) 2-Hexanone-d5	10.920	63	9193	46.835	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	93.680%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25192	23.610	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	94.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	43340	22.466	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	89.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	15449	32.127	ug/L	94
3) Chloromethane	2.215	50	30862	24.848	ug/L	99
5) Vinyl chloride	2.361	62	48625	26.544	ug/L	99
6) Bromomethane	2.775	94	35133	29.476	ug/L	95
8) Chloroethane	2.916	64	24999	28.639	ug/L	96
9) Trichlorofluoromethane	3.257	101	26336	23.895	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	33898	25.253	ug/L	91
12) 1,1-Dichloroethene	4.037	96	30380	25.305	ug/L	76
13) Acetone	4.129	43	9664	48.655	ug/L	95
14) Carbon disulfide	4.385	76	91677	26.388	ug/L	100
15) Methyl Acetate	4.671	43	9077	23.952	ug/L #	87
16) Methylene chloride	4.909	84	30299	20.929	ug/L	82
17) trans-1,2-Dichloroethene	5.421	96	31488	24.827	ug/L	78
18) Methyl tert-butyl Ether	5.427	73	40301	22.821	ug/L	94
19) 1,1-Dichloroethane	6.214	63	49561	25.048	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	32393	24.605	ug/L	74
22) 2-Butanone	7.171	43	12827	47.503	ug/L	87
23) Bromochloromethane	7.512	128	16290	25.598	ug/L #	63
25) Chloroform	7.671	83	57550	25.214	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	35507	23.984	ug/L	96
29) Cyclohexane	7.957	56	43799	23.572	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	52510	24.769	ug/L	95
31) Carbon tetrachloride	8.067	117	51433	24.949	ug/L	100
33) Benzene	8.323	78	118486	24.168	ug/L	100
34) Trichloroethene	9.091	95	34552	24.827	ug/L	91
35) Methylcyclohexane	9.335	83	53686	23.380	ug/L	85
37) 1,2-Dichloropropane	9.366	63	26760	24.630	ug/L #	95
38) Bromodichloromethane	9.646	83	41715	25.155	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	44585	25.116	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	27861	46.550	ug/L #	92
42) Toluene	10.390	91	136607	24.139	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	38665	24.242	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	21683	24.027	ug/L	92
46) Tetrachloroethene	10.859	164	32706	25.095	ug/L	97
48) 2-Hexanone	10.969	43	19655	48.356	ug/L #	91
49) Dibromochloromethane	11.128	129	30854	25.446	ug/L	100
50) 1,2-Dibromoethane	11.231	107	22232	24.529	ug/L	98
51) Chlorobenzene	11.658	112	91437	25.041	ug/L	90
52) Ethylbenzene	11.731	91	152070	23.938	ug/L	98
53) m,p-Xylene	11.835	106	60020	23.579	ug/L	91
54) o-Xylene	12.164	106	58646	24.309	ug/L	92
55) Styrene	12.182	104	101961	24.609	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	24107	24.149	ug/L #	98
59) Bromoform	12.347	173	18187	24.702	ug/L	99
60) Isopropylbenzene	12.463	105	162861	23.159	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	17286	22.392	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.944	105	135970	22.870	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	137685	23.314	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	76190	22.947	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	77910	23.532	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	66983	23.107	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4116	24.214	ug/L #	63
69) 1,3,5-Trichlorobenzene	14.627	180	57721	23.665	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	43140	22.158	ug/L	99
71) Naphthalene	15.359	128	71956	22.715	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	38169	23.289	ug/L	97

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

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