

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022006.D
 Acq On : 01 Feb 2022 12:17
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025548

Quant Time: Feb 01 16:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 01 15:32:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	119563	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	118314	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	73095	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	35279	15.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.520%
7) Chloroethane-d5	2.898	69	31607	15.750	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.000%
11) 1,1-Dichloroethene-d2	4.031	63	70228	20.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.080%
21) 2-Butanone-d5	7.086	46	17384	55.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.840%
24) Chloroform-d	7.653	84	85326	22.090	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	8.311	65	42079	22.559	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.240%
32) Benzene-d6	8.281	84	157499	20.515	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.080%
36) 1,2-Dichloropropane-d6	9.274	67	44548	22.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.080%
41) Toluene-d8	10.323	98	156526	20.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.920%
43) trans-1,3-Dichloroprop...	10.579	79	19280	22.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.927	63	16285	59.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40214	25.415	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	61759	20.548	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	5510	11.690	ug/L	98
3) Chloromethane	2.215	50	34962	20.458	ug/L	98
5) Vinyl chloride	2.367	62	50087	20.402	ug/L	98
6) Bromomethane	2.788	94	30680	17.674	ug/L	99
8) Chloroethane	2.928	64	27595	18.599	ug/L	98
9) Trichlorofluoromethane	3.269	101	51099	28.009	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	43829	22.071	ug/L	97
12) 1,1-Dichloroethene	4.050	96	39043	21.877	ug/L	73
13) Acetone	4.147	43	14034	54.156	ug/L	89
14) Carbon disulfide	4.391	76	104928	22.457	ug/L	98
15) Methyl Acetate	4.678	43	14117	26.953	ug/L	# 90
16) Methylene chloride	4.915	84	40601	19.842	ug/L	81
17) trans-1,2-Dichloroethene	5.428	96	43821	22.724	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	62180	25.285	ug/L	92
19) 1,1-Dichloroethane	6.220	63	70529	24.939	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	47240	23.813	ug/L	65
22) 2-Butanone	7.183	43	20318	61.339	ug/L	81
23) Bromochloromethane	7.519	128	23695	24.005	ug/L	# 63
25) Chloroform	7.677	83	83251	24.879	ug/L	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	49873	25.738	ug/L #	95
29) Cyclohexane	7.964	56	63526	24.001	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	74097	24.162	ug/L #	93
31) Carbon tetrachloride	8.073	117	72020	24.234	ug/L	98
33) Benzene	8.329	78	170478	23.499	ug/L	100
34) Trichloroethene	9.092	95	48423	23.006	ug/L	86
35) Methylcyclohexane	9.335	83	81574	23.568	ug/L #	82
37) 1,2-Dichloropropane	9.372	63	39483	24.982	ug/L #	95
38) Bromodichloromethane	9.646	83	58162	26.362	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	64722	26.355	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	42297	56.970	ug/L #	89
42) Toluene	10.390	91	200860	24.685	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	56810	27.638	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	33826	25.208	ug/L	92
46) Tetrachloroethene	10.866	164	44522	21.391	ug/L	90
48) 2-Hexanone	10.969	43	31973	62.941	ug/L #	90
49) Dibromochloromethane	11.134	129	43969	26.005	ug/L	96
50) 1,2-Dibromoethane	11.231	107	34035	25.552	ug/L	98
51) Chlorobenzene	11.658	112	134623	23.433	ug/L	91
52) Ethylbenzene	11.731	91	219321	24.264	ug/L	94
53) m,p-Xylene	11.841	106	92463	24.463	ug/L	78
54) o-Xylene	12.164	106	86491	24.649	ug/L	95
55) Styrene	12.176	104	143422	24.757	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	39615	27.438	ug/L #	98
59) Bromoform	12.347	173	24548	24.632	ug/L #	98
60) Isopropylbenzene	12.463	105	236090	23.719	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	28352	27.142	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.945	105	201893	24.494	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	195966	24.106	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	112255	22.431	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	109122	22.084	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	99992	22.821	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	5649	28.004	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	82601	22.207	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	64116	21.633	ug/L	98
71) Naphthalene	15.365	128	118117	25.836	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	55718	22.765	ug/L	99

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

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