

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024034.D
 Acq On : 23 Jul 2022 04:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025504

Quant Time: Jul 23 05:58:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 23 03:31:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	223563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	234337	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	136323	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	107734	18.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.480%
7) Chloroethane-d5	2.873	69	70482	18.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	4.019	63	93654	20.142	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.560%
21) 2-Butanone-d5	7.074	46	49352	55.722	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.440%
24) Chloroform-d	7.647	84	157005	24.121	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	8.305	65	92203	23.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.640%
32) Benzene-d6	8.268	84	280097	22.993	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.960%
36) 1,2-Dichloropropane-d6	9.274	67	88771	24.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	10.323	98	271728	21.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.960%
43) trans-1,3-Dichloroprop...	10.573	79	35016	20.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.440%
47) 2-Hexanone-d5	10.920	63	43691	56.625	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	108677	26.800	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	116797	24.000	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.000%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.001	85	32653	21.493	ug/L	99
3) Chloromethane	2.209	50	93226	25.057	ug/L	99
5) Vinyl chloride	2.349	62	147478	23.084	ug/L	100
6) Bromomethane	2.769	94	78661	19.036	ug/L	93
8) Chloroethane	2.910	64	61174	20.467	ug/L	99
9) Trichlorofluoromethane	3.245	101	60461	20.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	69190	24.345	ug/L	95
12) 1,1-Dichloroethene	4.031	96	55713	23.509	ug/L	83
13) Acetone	4.123	43	31765	50.728	ug/L	99
14) Carbon disulfide	4.379	76	136794	19.623	ug/L	100
15) Methyl Acetate	4.672	43	37497	26.756	ug/L	98
16) Methylene chloride	4.909	84	102727	29.385	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	67464	23.463	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	121847	27.391	ug/L #	88
19) 1,1-Dichloroethane	6.208	63	142722	26.909	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	84616	26.563	ug/L #	94
22) 2-Butanone	7.171	43	53493	51.982	ug/L	100
23) Bromochloromethane	7.513	128	42405	27.711	ug/L	90
25) Chloroform	7.671	83	166509	27.251	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	116759	25.963	ug/L	97
29) Cyclohexane	7.951	56	96153	22.435	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	128467	25.319	ug/L	99
31) Carbon tetrachloride	8.067	117	118029	25.805	ug/L	98
33) Benzene	8.317	78	343355	25.784	ug/L	100
34) Trichloroethene	9.091	95	85146	24.213	ug/L	95
35) Methylcyclohexane	9.329	83	122973	22.965	ug/L	97
37) 1,2-Dichloropropane	9.366	63	90283	27.042	ug/L	99
38) Bromodichloromethane	9.640	83	129290	27.747	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	120249	23.897	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	136161	58.609	ug/L	98
42) Toluene	10.384	91	400241	26.354	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	116756	24.412	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	80689	27.641	ug/L	97
46) Tetrachloroethene	10.859	164	65042	23.921	ug/L	94
48) 2-Hexanone	10.969	43	97038	57.369	ug/L	99
49) Dibromochloromethane	11.128	129	94815	28.007	ug/L	96
50) 1,2-Dibromoethane	11.231	107	78129	27.858	ug/L	99
51) Chlorobenzene	11.652	112	269997	26.360	ug/L	98
52) Ethylbenzene	11.725	91	453947	26.304	ug/L	97
53) m,p-Xylene	11.841	106	181606	26.971	ug/L	90
54) o-Xylene	12.164	106	173364	26.810	ug/L	95
55) Styrene	12.176	104	327678	28.684	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	112872	28.347	ug/L	97
59) Bromoform	12.347	173	57500	28.605	ug/L #	97
60) Isopropylbenzene	12.463	105	479035	26.159	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	80902	27.065	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	399120	26.622	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	401856	26.809	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	222285	26.735	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	235637	26.639	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	210500	26.845	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	18357	26.626	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.621	180	137514	24.988	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	110684	26.046	ug/L	98
71) Naphthalene	15.365	128	267517	29.347	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	103014	26.008	ug/L	97

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

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