

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023805.D
 Acq On : 16 Jul 2022 22:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Quant Time: Jul 18 02:09:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:05:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	172265	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	180106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	104109	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	134872	30.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.600%
7) Chloroethane-d5	2.873	69	79369	27.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.160%
11) 1,1-Dichloroethene-d2	4.013	63	73571	20.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.120%
21) 2-Butanone-d5	7.080	46	34762	50.937	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.880%
24) Chloroform-d	7.647	84	124257	24.775	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.080%
26) 1,2-Dichloroethane-d4	8.305	65	76551	24.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.840%
32) Benzene-d6	8.269	84	237894	25.409	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.640%
36) 1,2-Dichloropropane-d6	9.274	67	71262	25.269	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	10.323	98	241951	25.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.920%
43) trans-1,3-Dichloroprop...	10.573	79	32072	24.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.040%
47) 2-Hexanone-d5	10.927	63	31117	52.472	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	81436	26.130	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	91568	24.638	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	29707	25.377	ug/L	98
3) Chloromethane	2.215	50	72619	25.331	ug/L	93
5) Vinyl chloride	2.355	62	137112	27.853	ug/L	98
6) Bromomethane	2.770	94	77704	24.403	ug/L	98
8) Chloroethane	2.910	64	53069	23.043	ug/L	96
9) Trichlorofluoromethane	3.245	101	57250	25.584	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	45162	20.623	ug/L	97
12) 1,1-Dichloroethene	4.031	96	39019	21.368	ug/L	91
13) Acetone	4.123	43	19833	41.104	ug/L	98
14) Carbon disulfide	4.379	76	98218	18.284	ug/L	97
15) Methyl Acetate	4.672	43	24785	22.951	ug/L	98
16) Methylene chloride	4.909	84	52600	19.527	ug/L	92
17) trans-1,2-Dichloroethene	5.415	96	47817	21.582	ug/L	99
18) Methyl tert-butyl Ether	5.421	73	80535	23.495	ug/L	97
19) 1,1-Dichloroethane	6.208	63	93110	22.783	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	56627	23.070	ug/L #	98
22) 2-Butanone	7.171	43	37638	47.467	ug/L	97
23) Bromochloromethane	7.513	128	27074	22.961	ug/L	94
25) Chloroform	7.677	83	108117	22.963	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	84246	24.312	ug/L #	95
29) Cyclohexane	7.952	56	70055	21.267	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	86304	22.131	ug/L	97
31) Carbon tetrachloride	8.067	117	75859	21.579	ug/L	97
33) Benzene	8.317	78	233542	22.818	ug/L	100
34) Trichloroethene	9.092	95	59662	22.075	ug/L	100
35) Methylcyclohexane	9.335	83	88632	21.536	ug/L	98
37) 1,2-Dichloropropane	9.366	63	61566	23.993	ug/L #	94
38) Bromodichloromethane	9.640	83	88997	24.851	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	91202	23.582	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	93405	52.311	ug/L	98
42) Toluene	10.384	91	282385	24.193	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	88490	24.073	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	52942	23.596	ug/L	98
46) Tetrachloroethene	10.860	164	48227	23.077	ug/L	96
48) 2-Hexanone	10.963	43	68049	52.345	ug/L	98
49) Dibromochloromethane	11.128	129	65198	25.058	ug/L	98
50) 1,2-Dibromoethane	11.231	107	51723	23.996	ug/L	93
51) Chlorobenzene	11.658	112	189727	24.101	ug/L	97
52) Ethylbenzene	11.725	91	321116	24.209	ug/L	95
53) m,p-Xylene	11.835	106	123881	23.938	ug/L	97
54) o-Xylene	12.164	106	122819	24.712	ug/L	98
55) Styrene	12.176	104	232270	26.454	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	75384	24.632	ug/L #	96
59) Bromoform	12.347	173	38193	24.879	ug/L #	98
60) Isopropylbenzene	12.463	105	340003	24.312	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	54272	23.774	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	279275	24.392	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	280688	24.520	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	151549	23.867	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	156376	23.149	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	146276	24.427	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	12123	23.025	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	93589	22.268	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	69535	21.426	ug/L	99
71) Naphthalene	15.365	128	159075	22.851	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	67601	22.348	ug/L	99

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

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