

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091322\
 Data File : VW024609.D
 Acq On : 13 Sep 2022 16:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025570

Quant Time: Sep 14 01:32:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 13 02:43:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	300575	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	323426	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188559	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	152939	24.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.600%
7) Chloroethane-d5	2.873	69	121113	26.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	4.007	63	135362	20.674	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.680%
21) 2-Butanone-d5	7.080	46	47193	47.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.280%
24) Chloroform-d	7.647	84	177809	23.227	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.299	65	107684	24.949	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	8.275	84	344557	21.658	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.640%
36) 1,2-Dichloropropane-d6	9.274	67	101918	21.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	10.323	98	354405	22.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	10.579	79	47386	22.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.160%
47) 2-Hexanone-d5	10.920	63	44288	51.367	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118256	26.304	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	13.847	152	144722	24.232	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	32294	22.434	ug/L	91
3) Chloromethane	2.209	50	128317	28.661	ug/L	99
5) Vinyl chloride	2.349	62	203406	26.949	ug/L	99
6) Bromomethane	2.763	94	144249	29.316	ug/L	91
8) Chloroethane	2.910	64	116327	28.329	ug/L	94
9) Trichlorofluoromethane	3.245	101	118882	27.244	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	89894	22.359	ug/L #	88
12) 1,1-Dichloroethene	4.031	96	73845	21.489	ug/L	91
13) Acetone	4.129	43	34257	40.218	ug/L	97
14) Carbon disulfide	4.373	76	181050	19.912	ug/L	98
15) Methyl Acetate	4.672	43	41512	23.058	ug/L	96
16) Methylene chloride	4.909	84	114866	25.611	ug/L	99
17) trans-1,2-Dichloroethene	5.415	96	87503	22.230	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	162467	23.176	ug/L	98
19) 1,1-Dichloroethane	6.208	63	168281	23.497	ug/L	100
20) cis-1,2-Dichloroethene	7.159	96	103401	23.412	ug/L	97
22) 2-Butanone	7.171	43	63325	45.962	ug/L	94
23) Bromochloromethane	7.513	128	46246	22.871	ug/L	96
25) Chloroform	7.671	83	194762	24.481	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	141901	26.536	ug/L	100
29) Cyclohexane	7.951	56	141695	22.630	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	153856	21.691	ug/L	97
31) Carbon tetrachloride	8.061	117	140410	21.674	ug/L	96
33) Benzene	8.317	78	439808	23.959	ug/L	100
34) Trichloroethene	9.085	95	106971	22.312	ug/L	98
35) Methylcyclohexane	9.329	83	174185	22.709	ug/L	99
37) 1,2-Dichloropropane	9.366	63	108015	23.560	ug/L	100
38) Bromodichloromethane	9.640	83	158300	24.430	ug/L	94
39) cis-1,3-Dichloropropene	10.067	75	163219	24.349	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	152663	50.479	ug/L	100
42) Toluene	10.384	91	528527	26.116	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	162883	25.725	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	96692	25.235	ug/L	98
46) Tetrachloroethene	10.860	164	85925	24.324	ug/L	95
48) 2-Hexanone	10.969	43	112991	54.481	ug/L	99
49) Dibromochloromethane	11.128	129	120016	26.794	ug/L	97
50) 1,2-Dibromoethane	11.231	107	90578	24.357	ug/L #	82
51) Chlorobenzene	11.652	112	345314	24.699	ug/L	89
52) Ethylbenzene	11.725	91	611971	26.634	ug/L	95
53) m,p-Xylene	11.835	106	242969	27.066	ug/L	92
54) o-Xylene	12.164	106	233916	27.369	ug/L	98
55) Styrene	12.176	104	429446	28.545	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	129751	26.748	ug/L	98
59) Bromoform	12.347	173	67519	24.635	ug/L	99
60) Isopropylbenzene	12.463	105	646761	25.333	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	92478	23.706	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	538497	25.400	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	551734	26.148	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	298536	25.952	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	296622	24.464	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	276263	25.753	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20237	21.925	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	183921	24.616	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	153875	25.954	ug/L	97
71) Naphthalene	15.359	128	348513	26.570	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	140876	25.541	ug/L	95

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

