

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111722\
 Data File : VW025070.D
 Acq On : 17 Nov 2022 09:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025501

Quant Time: Nov 17 23:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 17 00:39:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	445101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	405457	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199113	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	111667	22.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.400%
7) Chloroethane-d5	2.892	69	87466	29.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.560%
11) 1,1-Dichloroethene-d2	4.019	63	280833	22.566	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.280%
21) 2-Butanone-d5	7.080	46	93906	55.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.380%
24) Chloroform-d	7.647	84	344573	25.509	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.040%
26) 1,2-Dichloroethane-d4	8.305	65	174885	23.129	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.520%
32) Benzene-d6	8.275	84	670299	25.792	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.160%
36) 1,2-Dichloropropane-d6	9.275	67	206193	27.078	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.320%
41) Toluene-d8	10.323	98	593530	24.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	10.579	79	81615	24.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.680%
47) 2-Hexanone-d5	10.927	63	73785	56.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.180%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	165835	27.275	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	196800	25.719	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	28275	19.046	ug/L	97
3) Chloromethane	2.221	50	106223	29.748	ug/L	94
5) Vinyl chloride	2.367	62	149985	30.400	ug/L	93
6) Bromomethane	2.782	94	72111	29.288	ug/L	93
8) Chloroethane	2.928	64	71195	34.593	ug/L	100
9) Trichlorofluoromethane	3.263	101	98716	23.851	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	154912	26.431	ug/L	97
12) 1,1-Dichloroethene	4.044	96	147138	26.649	ug/L	78
13) Acetone	4.129	43	63170	52.737	ug/L	99
14) Carbon disulfide	4.385	76	391827	24.294	ug/L	97
15) Methyl Acetate	4.678	43	65183	27.333	ug/L	98
16) Methylene chloride	4.922	84	168903	21.372	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	154406	26.117	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	256430	25.857	ug/L	98
19) 1,1-Dichloroethane	6.220	63	302929	27.676	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	176844	27.444	ug/L	100
22) 2-Butanone	7.171	43	88776	49.467	ug/L	100
23) Bromochloromethane	7.519	128	74415	26.638	ug/L	97
25) Chloroform	7.677	83	307755	26.641	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	190003	24.248	ug/L	96
29) Cyclohexane	7.958	56	255545	26.692	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	250673	25.264	ug/L	98
31) Carbon tetrachloride	8.067	117	221286	24.958	ug/L	97
33) Benzene	8.324	78	671689	27.510	ug/L	100
34) Trichloroethene	9.092	95	171093	26.471	ug/L	95
35) Methylcyclohexane	9.336	83	284575	25.911	ug/L	99
37) 1,2-Dichloropropane	9.366	63	171065	28.866	ug/L	100
38) Bromodichloromethane	9.646	83	223324	27.001	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	261879	27.953	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	185304	53.285	ug/L	98
42) Toluene	10.390	91	714363	27.559	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	222937	26.767	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	125184	27.978	ug/L	99
46) Tetrachloroethene	10.860	164	121448	26.273	ug/L	95
48) 2-Hexanone	10.969	43	128773	53.543	ug/L	99
49) Dibromochloromethane	11.128	129	145967	26.762	ug/L	96
50) 1,2-Dibromoethane	11.238	107	114166	26.979	ug/L	97
51) Chlorobenzene	11.658	112	455067	27.084	ug/L	98
52) Ethylbenzene	11.731	91	797847	26.665	ug/L	99
53) m,p-Xylene	11.835	106	308445	26.631	ug/L	97
54) o-Xylene	12.164	106	290870	26.620	ug/L	97
55) Styrene	12.183	104	507715	26.752	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	147472	27.474	ug/L	98
59) Bromoform	12.347	173	77423	27.492	ug/L	99
60) Isopropylbenzene	12.463	105	811632	27.113	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	105597	26.397	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	697401	26.837	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	675071	26.492	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	335329	26.858	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	342019	27.454	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	305852	27.245	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	22186	24.000	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	229097	27.704	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	176291	27.428	ug/L	99
71) Naphthalene	15.359	128	358472	26.438	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	149948	26.774	ug/L	98

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

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