

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111522\
 Data File : VW025054.D
 Acq On : 15 Nov 2022 12:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Nov 16 00:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 16 00:12:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	280788	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	255108	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	137828	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	55542	17.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.480%
7) Chloroethane-d5	2.885	69	41651	22.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.240%
11) 1,1-Dichloroethene-d2	4.025	63	170310	21.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.760%
21) 2-Butanone-d5	7.080	46	45875	43.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.260%
24) Chloroform-d	7.653	84	218640	25.658	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.640%
26) 1,2-Dichloroethane-d4	8.311	65	117061	24.541	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.160%
32) Benzene-d6	8.275	84	397454	24.307	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	9.274	67	116781	24.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	10.323	98	365742	24.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.120%
43) trans-1,3-Dichloroprop...	10.579	79	49977	23.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.080%
47) 2-Hexanone-d5	10.927	63	38598	46.637	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91491	23.916	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	127258	24.026	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	16928	18.075	ug/L	96
3) Chloromethane	2.215	50	45565	20.228	ug/L	94
5) Vinyl chloride	2.367	62	69004	22.170	ug/L	92
6) Bromomethane	2.782	94	34512	22.220	ug/L	96
8) Chloroethane	2.922	64	31724	24.434	ug/L	99
9) Trichlorofluoromethane	3.263	101	62505	23.939	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	90834	24.567	ug/L	99
12) 1,1-Dichloroethene	4.044	96	82720	23.749	ug/L	95
13) Acetone	4.129	43	29286	38.756	ug/L	99
14) Carbon disulfide	4.385	76	226737	22.285	ug/L	98
15) Methyl Acetate	4.678	43	31181	20.726	ug/L	98
16) Methylene chloride	4.922	84	90704	18.194	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	89940	24.115	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	148001	23.656	ug/L	99
19) 1,1-Dichloroethane	6.220	63	171863	24.890	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	101890	25.065	ug/L	96
22) 2-Butanone	7.177	43	42539	37.574	ug/L	96
23) Bromochloromethane	7.513	128	44037	24.989	ug/L	92
25) Chloroform	7.677	83	190903	26.196	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	122587	24.799	ug/L	98
29) Cyclohexane	7.958	56	139995	23.241	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	164345	26.325	ug/L	98
31) Carbon tetrachloride	8.067	117	149303	26.764	ug/L	98
33) Benzene	8.323	78	384355	25.019	ug/L	100
34) Trichloroethene	9.092	95	101530	24.966	ug/L	98
35) Methylcyclohexane	9.335	83	165883	24.006	ug/L	99
37) 1,2-Dichloropropane	9.372	63	92752	24.876	ug/L	100
38) Bromodichloromethane	9.646	83	138520	26.618	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	154225	26.164	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	93820	42.878	ug/L	98
42) Toluene	10.390	91	420045	25.755	ug/L	94
44) trans-1,3-Dichloropropene	10.610	75	133134	25.406	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	69789	24.790	ug/L	98
46) Tetrachloroethene	10.866	164	74751	25.702	ug/L	95
48) 2-Hexanone	10.969	43	60903	40.247	ug/L	95
49) Dibromochloromethane	11.128	129	88383	25.755	ug/L	99
50) 1,2-Dibromoethane	11.238	107	63474	23.840	ug/L	94
51) Chlorobenzene	11.658	112	271784	25.708	ug/L	97
52) Ethylbenzene	11.731	91	483538	25.684	ug/L	99
53) m,p-Xylene	11.841	106	184686	25.343	ug/L	97
54) o-Xylene	12.164	106	179678	26.135	ug/L	96
55) Styrene	12.182	104	313366	26.243	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	78702	23.303	ug/L	98
59) Bromoform	12.347	173	47830	24.535	ug/L	99
60) Isopropylbenzene	12.463	105	507872	24.509	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	59013	21.312	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	447106	24.856	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	441314	25.019	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	210786	24.390	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	213047	24.705	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	192913	24.826	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	14043	21.945	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	147917	25.840	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	119449	26.847	ug/L	98
71) Naphthalene	15.359	128	224663	23.937	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	101135	26.088	ug/L	99

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

