

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111122\
 Data File : VW025036.D
 Acq On : 11 Nov 2022 09:16
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Nov 12 00:42:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 10 23:52:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	269787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	246177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	131734	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52820	17.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.760%
7) Chloroethane-d5	2.885	69	36623	20.646	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	4.013	63	161239	21.376	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.520%
21) 2-Butanone-d5	7.080	46	45541	44.560	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.120%
24) Chloroform-d	7.647	84	202431	24.724	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.305	65	112423	24.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.120%
32) Benzene-d6	8.275	84	362870	22.997	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.268	67	105085	22.729	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	10.323	98	342029	23.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.120%
43) trans-1,3-Dichloroprop...	10.573	79	47879	23.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.400%
47) 2-Hexanone-d5	10.920	63	37165	46.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87198	23.621	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	121571	24.014	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	31026	34.479	ug/L	98
3) Chloromethane	2.209	50	40577	18.748	ug/L	92
5) Vinyl chloride	2.361	62	63060	21.087	ug/L	93
6) Bromomethane	2.776	94	31938	21.401	ug/L	89
8) Chloroethane	2.922	64	27884	22.353	ug/L	95
9) Trichlorofluoromethane	3.251	101	47128	18.786	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	88749	24.982	ug/L	100
12) 1,1-Dichloroethene	4.031	96	81459	24.341	ug/L	96
13) Acetone	4.123	43	38116	52.499	ug/L	98
14) Carbon disulfide	4.379	76	219836	22.487	ug/L	98
15) Methyl Acetate	4.665	43	31185	21.574	ug/L	98
16) Methylene chloride	4.915	84	91778	19.160	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	87340	24.373	ug/L	94
18) Methyl tert-butyl Ether	5.427	73	137767	22.918	ug/L	98
19) 1,1-Dichloroethane	6.208	63	162376	24.475	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	96045	24.590	ug/L	99
22) 2-Butanone	7.171	43	48858	44.915	ug/L	99
23) Bromochloromethane	7.512	128	41218	24.343	ug/L	93
25) Chloroform	7.671	83	177751	25.386	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	120800	25.434	ug/L	99
29) Cyclohexane	7.951	56	135820	23.365	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	159417	26.462	ug/L	98
31) Carbon tetrachloride	8.067	117	146597	27.232	ug/L	98
33) Benzene	8.323	78	361941	24.415	ug/L	100
34) Trichloroethene	9.091	95	98184	25.019	ug/L	97
35) Methylcyclohexane	9.329	83	163543	24.526	ug/L	99
37) 1,2-Dichloropropane	9.366	63	87199	24.235	ug/L	99
38) Bromodichloromethane	9.640	83	131050	26.097	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	146440	25.745	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	95378	45.172	ug/L	99
42) Toluene	10.384	91	398682	25.332	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	127650	25.243	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	67584	24.877	ug/L	99
46) Tetrachloroethene	10.859	164	71718	25.554	ug/L	94
48) 2-Hexanone	10.963	43	69451	47.561	ug/L	99
49) Dibromochloromethane	11.128	129	84803	25.608	ug/L	100
50) 1,2-Dibromoethane	11.231	107	61609	23.979	ug/L	98
51) Chlorobenzene	11.652	112	256849	25.177	ug/L	98
52) Ethylbenzene	11.725	91	462589	25.463	ug/L	99
53) m,p-Xylene	11.835	106	176895	25.155	ug/L	100
54) o-Xylene	12.164	106	169670	25.574	ug/L	99
55) Styrene	12.176	104	293446	25.466	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	78040	23.946	ug/L	95
59) Bromoform	12.347	173	45340	24.334	ug/L	96
60) Isopropylbenzene	12.463	105	484118	24.444	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	58909	22.258	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	433204	25.197	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	425064	25.213	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	203889	24.683	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	202668	24.589	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	180326	24.279	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	14568	23.819	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	145219	26.542	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	118317	27.823	ug/L	96
71) Naphthalene	15.359	128	233288	26.006	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	98635	26.620	ug/L	97

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

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