

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024977.D
 Acq On : 26 Oct 2022 09:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025597

Quant Time: Oct 27 04:38:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:34:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	300497	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	272883	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	136567	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	59034	17.503	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.000%
7) Chloroethane-d5	2.885	69	40639	20.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.019	63	189735	22.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.320%
21) 2-Butanone-d5	7.079	46	56064	49.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.500%
24) Chloroform-d	7.646	84	221947	24.337	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.305	65	119626	23.434	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.720%
32) Benzene-d6	8.274	84	401502	22.955	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.274	67	122541	23.911	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	10.323	98	368072	22.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	10.579	79	54198	23.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.920	63	46233	52.224	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	102679	25.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	124692	23.759	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	27691	27.628	ug/L	95
3) Chloromethane	2.214	50	61424	25.480	ug/L	96
5) Vinyl chloride	2.361	62	96276	28.904	ug/L	90
6) Bromomethane	2.781	94	46359	27.889	ug/L	95
8) Chloroethane	2.922	64	40580	29.206	ug/L	97
9) Trichlorofluoromethane	3.263	101	87507	31.317	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	115148	29.100	ug/L	100
12) 1,1-Dichloroethene	4.043	96	109758	29.445	ug/L #	78
13) Acetone	4.129	43	52276	64.643	ug/L	96
14) Carbon disulfide	4.385	76	323676	29.726	ug/L	98
15) Methyl Acetate	4.671	43	42678	26.508	ug/L	100
16) Methylene chloride	4.915	84	114893	21.534	ug/L	93
17) trans-1,2-Dichloroethene	5.427	96	117353	29.401	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	186340	27.831	ug/L	99
19) 1,1-Dichloroethane	6.214	63	214227	28.990	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	124140	28.535	ug/L	99
22) 2-Butanone	7.171	43	67278	55.528	ug/L	98
23) Bromochloromethane	7.512	128	53786	28.519	ug/L	97
25) Chloroform	7.677	83	226274	29.013	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	150579	28.464	ug/L	100
29) Cyclohexane	7.957	56	194968	30.258	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	201759	30.213	ug/L	98
31) Carbon tetrachloride	8.067	117	186976	31.334	ug/L	97
33) Benzene	8.323	78	483576	29.427	ug/L	100
34) Trichloroethene	9.091	95	128993	29.653	ug/L	96
35) Methylcyclohexane	9.335	83	226910	30.698	ug/L	99
37) 1,2-Dichloropropane	9.366	63	116810	29.287	ug/L	99
38) Bromodichloromethane	9.646	83	164544	29.560	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	187664	29.763	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	128963	55.100	ug/L	100
42) Toluene	10.384	91	520263	29.821	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	164073	29.270	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	86778	28.816	ug/L	98
46) Tetrachloroethene	10.865	164	96257	30.940	ug/L	91
48) 2-Hexanone	10.969	43	92946	57.422	ug/L	99
49) Dibromochloromethane	11.127	129	107115	29.180	ug/L	100
50) 1,2-Dibromoethane	11.231	107	81340	28.560	ug/L	95
51) Chlorobenzene	11.658	112	329975	29.180	ug/L	96
52) Ethylbenzene	11.725	91	597558	29.673	ug/L	96
53) m,p-Xylene	11.835	106	229413	29.430	ug/L	97
54) o-Xylene	12.164	106	215592	29.316	ug/L	98
55) Styrene	12.176	104	377824	29.580	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.712	83	100915	27.934	ug/L	100
59) Bromoform	12.347	173	54567	28.250	ug/L #	96
60) Isopropylbenzene	12.463	105	606500	29.539	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	75019	27.342	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	528458	29.650	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	517264	29.596	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	245411	28.658	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	243851	28.538	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	213858	27.775	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.480	75	17381	27.413	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	160832	28.356	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	128316	29.107	ug/L	98
71) Naphthalene	15.358	128	267581	28.773	ug/L	100
72) 1,2,3-Trichlorobenzene	15.547	180	111384	28.997	ug/L	99

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

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[illegible]