

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102722\
 Data File : VW024993.D
 Acq On : 27 Oct 2022 11:59
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Oct 27 23:47:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:48:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	292059	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	267600	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138486	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	73183	22.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
7) Chloroethane-d5	2.891	69	42577	22.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.680%
11) 1,1-Dichloroethene-d2	4.031	63	191831	23.492	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.960%
21) 2-Butanone-d5	7.086	46	43632	39.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.880%
24) Chloroform-d	7.647	84	216992	24.482	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	8.305	65	117908	23.765	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.040%
32) Benzene-d6	8.275	84	415879	24.247	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	9.274	67	116731	23.227	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.323	98	385244	24.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.520%
43) trans-1,3-Dichloroprop...	10.579	79	52374	23.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.920	63	36485	42.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	87661	21.845	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	124014	23.302	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	24410	25.058	ug/L	100
3) Chloromethane	2.221	50	52804	22.537	ug/L	97
5) Vinyl chloride	2.367	62	78380	24.211	ug/L	92
6) Bromomethane	2.782	94	38657	23.928	ug/L	92
8) Chloroethane	2.928	64	31262	23.149	ug/L	99
9) Trichlorofluoromethane	3.263	101	62207	22.906	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	95756	24.899	ug/L	99
12) 1,1-Dichloroethene	4.044	96	90818	25.068	ug/L	92
13) Acetone	4.135	43	28132	35.792	ug/L	95
14) Carbon disulfide	4.391	76	258798	24.454	ug/L	98
15) Methyl Acetate	4.678	43	34039	21.753	ug/L	100
16) Methylene chloride	4.922	84	99408	19.170	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	97801	25.211	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	154933	23.809	ug/L	99
19) 1,1-Dichloroethane	6.220	63	181120	25.218	ug/L	100
20) cis-1,2-Dichloroethene	7.165	96	107839	25.505	ug/L	99
22) 2-Butanone	7.177	43	44110	37.458	ug/L	99
23) Bromochloromethane	7.519	128	45186	24.651	ug/L	92
25) Chloroform	7.677	83	195983	25.855	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	129547	25.196	ug/L	98
29) Cyclohexane	7.958	56	156942	24.838	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	172132	26.285	ug/L	98
31) Carbon tetrachloride	8.067	117	157229	26.869	ug/L	97
33) Benzene	8.323	78	404116	25.077	ug/L	100
34) Trichloroethene	9.091	95	107828	25.277	ug/L	95
35) Methylcyclohexane	9.335	83	182727	25.209	ug/L	99
37) 1,2-Dichloropropane	9.366	63	98269	25.125	ug/L	99
38) Bromodichloromethane	9.646	83	143767	26.337	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	159208	25.749	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	101291	44.132	ug/L	99
42) Toluene	10.384	91	439834	25.709	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	139072	25.300	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	72484	24.545	ug/L	97
46) Tetrachloroethene	10.859	164	77798	25.501	ug/L	94
48) 2-Hexanone	10.969	43	69787	43.965	ug/L	98
49) Dibromochloromethane	11.128	129	89392	24.833	ug/L	87
50) 1,2-Dibromoethane	11.231	107	67196	24.059	ug/L	100
51) Chlorobenzene	11.652	112	283319	25.548	ug/L	99
52) Ethylbenzene	11.731	91	511535	25.903	ug/L	99
53) m,p-Xylene	11.835	106	192134	25.134	ug/L	97
54) o-Xylene	12.164	106	184745	25.617	ug/L	93
55) Styrene	12.176	104	319962	25.544	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	84275	23.789	ug/L	95
59) Bromoform	12.347	173	47672	24.338	ug/L	98
60) Isopropylbenzene	12.463	105	523988	25.167	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	62090	22.316	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	464209	25.684	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	457995	25.842	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	221587	25.517	ug/L	89
65) 1,4-Dichlorobenzene	13.572	146	216215	24.953	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	189116	24.221	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	14721	22.896	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	148815	25.874	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	118827	26.581	ug/L	97
71) Naphthalene	15.359	128	234710	24.888	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	99677	25.590	ug/L	98

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

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