

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029024.D
 Acq On : 06 Jun 2024 08:57
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025493

Quant Time: Jun 07 00:18:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 23:49:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	327284	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154414	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	120924	23.258	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.040%
7) Chloroethane-d5	2.899	69	96585	24.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.760%
11) 1,1-Dichloroethene-d2	4.027	65	54049	23.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.600%
21) 2-Butanone-d5	7.075	46	56834	53.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.000%
24) Chloroform-d	7.648	84	235530	25.225	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.920%
26) 1,2-Dichloroethane-d4	8.307	65	126296	25.692	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.760%
32) Benzene-d6	8.276	84	477254	26.774	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.080%
36) 1,2-Dichloropropane-d6	9.270	67	143619	26.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.280%
41) Toluene-d8	10.319	98	424408	26.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.720%
43) trans-1,3-Dichloroprop...	10.575	79	54333	26.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.640%
47) 2-Hexanone-d5	10.922	63	41129	57.668	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104807	27.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	134274	24.505	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71807	19.214	ug/L	92
3) Chloromethane	2.223	50	104358	22.856	ug/L	98
5) Vinyl chloride	2.375	62	122779	22.215	ug/L	100
6) Bromomethane	2.790	94	75438	22.781	ug/L	100
8) Chloroethane	2.936	64	76604	22.951	ug/L	98
9) Trichlorofluoromethane	3.265	101	107761	23.456	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	108272	23.885	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	99149	23.967	ug/L	97
13) Acetone	4.119	43	69146	62.112	ug/L	100
14) Carbon disulfide	4.393	76	328845	23.479	ug/L	99
15) Methyl Acetate	4.673	43	49212	26.616	ug/L	97
16) Methylene chloride	4.917	84	112434	22.890	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	107573	23.849	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	153446	24.396	ug/L	99
19) 1,1-Dichloroethane	6.216	63	220962	24.917	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	117803	24.912	ug/L	98
22) 2-Butanone	7.173	43	78365	58.417	ug/L	99
23) Bromochloromethane	7.520	128	50195	24.317	ug/L	94
25) Chloroform	7.679	83	214978	24.960	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145343	25.181	ug/L	99
29) Cyclohexane	7.959	56	190109	26.328	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	169768	25.229	ug/L	100
31) Carbon tetrachloride	8.069	117	156565	25.544	ug/L	99
33) Benzene	8.325	78	472389	26.159	ug/L	100
34) Trichloroethene	9.093	95	124687	26.264	ug/L	95
35) Methylcyclohexane	9.337	83	218208	27.094	ug/L	100
37) 1,2-Dichloropropane	9.368	63	126895	26.834	ug/L	99
38) Bromodichloromethane	9.642	83	149444	25.912	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	182994	26.628	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	138490	57.577	ug/L	99
42) Toluene	10.386	91	504100	27.326	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	150459	27.157	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	83569	26.167	ug/L	98
46) Tetrachloroethene	10.861	164	91062	25.246	ug/L	89
48) 2-Hexanone	10.965	43	113742	63.072	ug/L	98
49) Dibromochloromethane	11.123	129	90899	26.947	ug/L	99
50) 1,2-Dibromoethane	11.233	107	77463	26.570	ug/L	98
51) Chlorobenzene	11.654	112	312565	26.376	ug/L	99
52) Ethylbenzene	11.727	91	567326	27.067	ug/L	99
53) m,p-Xylene	11.837	106	213655	27.521	ug/L	95
54) o-Xylene	12.166	106	196800	27.377	ug/L	93
55) Styrene	12.178	104	349079	28.166	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	99027	27.467	ug/L	99
59) Bromoform	12.343	173	48464	24.408	ug/L	95
60) Isopropylbenzene	12.459	105	552930	25.302	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71748	24.633	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	407663	25.648	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	436809	26.004	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	227946	24.272	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	237644	24.229	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	202733	24.086	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	14642	23.585	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	153792	23.851	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	120769	23.109	ug/L	98
71) Naphthalene	15.360	128	222526	24.991	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110066	24.651	ug/L	98

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

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