

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062024\
 Data File : VW029245.D
 Acq On : 20 Jun 2024 09:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025512

Quant Time: Jun 21 01:20:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 20 00:39:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	286309	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	259575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126705	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	86962	21.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
7) Chloroethane-d5	2.899	69	68825	20.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	4.021	65	41708	21.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.200%
21) 2-Butanone-d5	7.075	46	50507	42.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.200%
24) Chloroform-d	7.648	84	188945	22.123	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.480%
26) 1,2-Dichloroethane-d4	8.301	65	103978	21.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	8.270	84	371091	23.537	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	9.270	67	116233	23.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	10.319	98	336994	24.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.640%
43) trans-1,3-Dichloroprop...	10.575	79	44763	22.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.922	63	35884	45.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88360	22.151	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	106880	24.302	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69298	24.809	ug/L	100
3) Chloromethane	2.223	50	91384	22.944	ug/L	98
5) Vinyl chloride	2.375	62	110885	24.243	ug/L	97
6) Bromomethane	2.790	94	63853	23.227	ug/L	91
8) Chloroethane	2.936	64	69741	24.929	ug/L	99
9) Trichlorofluoromethane	3.265	101	96141	27.112	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	98620	25.224	ug/L #	61
12) 1,1-Dichloroethene	4.045	96	91301	27.521	ug/L	76
13) Acetone	4.119	43	63435	62.958	ug/L	97
14) Carbon disulfide	4.393	76	272914	25.201	ug/L	99
15) Methyl Acetate	4.667	43	47900	23.947	ug/L	99
16) Methylene chloride	4.917	84	102317	20.324	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	98486	26.732	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	154920	26.283	ug/L	98
19) 1,1-Dichloroethane	6.216	63	207407	26.066	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	110776	27.267	ug/L	97
22) 2-Butanone	7.167	43	75140	54.403	ug/L	97
23) Bromochloromethane	7.508	128	46111	25.496	ug/L	94
25) Chloroform	7.673	83	204681	26.343	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	141414	24.677	ug/L	99
29) Cyclohexane	7.953	56	178899	30.147	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	163137	28.263	ug/L	97
31) Carbon tetrachloride	8.069	117	145329	27.562	ug/L	97
33) Benzene	8.325	78	440002	28.211	ug/L	100
34) Trichloroethene	9.087	95	113334	27.237	ug/L	93
35) Methylcyclohexane	9.331	83	194149	29.668	ug/L	97
37) 1,2-Dichloropropane	9.368	63	119444	27.254	ug/L	98
38) Bromodichloromethane	9.642	83	143252	26.734	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	173458	27.999	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	143477	52.820	ug/L	98
42) Toluene	10.386	91	465432	29.028	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	145298	27.776	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	79611	26.082	ug/L	96
46) Tetrachloroethene	10.861	164	81769	28.111	ug/L	95
48) 2-Hexanone	10.965	43	112519	58.377	ug/L	99
49) Dibromochloromethane	11.130	129	87344	27.375	ug/L	97
50) 1,2-Dibromoethane	11.233	107	73196	26.715	ug/L	100
51) Chlorobenzene	11.654	112	289266	27.782	ug/L	99
52) Ethylbenzene	11.727	91	532780	29.273	ug/L	99
53) m,p-Xylene	11.837	106	196499	29.558	ug/L	98
54) o-Xylene	12.160	106	187160	30.123	ug/L	95
55) Styrene	12.178	104	317754	29.332	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	98494	26.087	ug/L	98
59) Bromoform	12.349	173	45752	26.346	ug/L	99
60) Isopropylbenzene	12.459	105	521669	30.899	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73466	26.583	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	381473	31.199	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	415876	31.612	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	219548	30.050	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	216449	27.844	ug/L	95
67) 1,2-Dichlorobenzene	13.861	146	195741	28.980	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	15568	24.139	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	141076	28.611	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	114613	28.674	ug/L	96
71) Naphthalene	15.360	128	231575	29.354	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105838	29.060	ug/L	96

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

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