

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028821.D
 Acq On : 28 May 2024 10:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025597

Quant Time: May 29 00:50:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 27 02:22:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	267870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	253020	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	117764	23.151	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.600%		
7) Chloroethane-d5	2.899	69	90630	23.269	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.080%		
11) 1,1-Dichloroethene-d2	4.021	65	49769	23.418	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.680%		
21) 2-Butanone-d5	7.075	46	55329	41.692	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.380%		
24) Chloroform-d	7.648	84	216039	25.811	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.240%		
26) 1,2-Dichloroethane-d4	8.307	65	118587	24.747	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.000%		
32) Benzene-d6	8.276	84	431074	25.536	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.160%		
36) 1,2-Dichloropropane-d6	9.276	67	128390	25.275	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.080%		
41) Toluene-d8	10.319	98	386998	25.887	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.560%		
43) trans-1,3-Dichloroprop...	10.575	79	48769	23.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.480%		
47) 2-Hexanone-d5	10.922	63	37859	43.212	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.420%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98700	23.171	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	92.680%		
66) 1,2-Dichlorobenzene-d4	13.848	152	117948	23.952	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	75530	19.403	ug/L	95
3) Chloromethane	2.222	50	93478	19.384	ug/L	100
5) Vinyl chloride	2.375	62	121090	22.303	ug/L	99
6) Bromomethane	2.796	94	68194	21.712	ug/L	97
8) Chloroethane	2.936	64	73628	23.779	ug/L	99
9) Trichlorofluoromethane	3.271	101	98272	22.047	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	101944	24.806	ug/L	95
12) 1,1-Dichloroethene	4.051	96	89327	24.230	ug/L	87
13) Acetone	4.118	43	49104	40.673	ug/L	96
14) Carbon disulfide	4.393	76	258408	20.740	ug/L	100
15) Methyl Acetate	4.673	43	45092	21.468	ug/L	98
16) Methylene chloride	4.917	84	108205	26.119	ug/L	91
17) trans-1,2-Dichloroethene	5.435	96	95281	24.825	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	140911	24.878	ug/L	99
19) 1,1-Dichloroethane	6.216	63	196760	25.852	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	105849	26.351	ug/L	94
22) 2-Butanone	7.173	43	62353	40.239	ug/L	99
23) Bromochloromethane	7.514	128	45823	26.152	ug/L	93
25) Chloroform	7.679	83	197019	26.763	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133289	24.908	ug/L	99
29) Cyclohexane	7.959	56	159331	22.086	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	155171	24.473	ug/L	99
31) Carbon tetrachloride	8.069	117	141351	24.451	ug/L	98
33) Benzene	8.325	78	418811	25.526	ug/L	100
34) Trichloroethene	9.093	95	110641	25.151	ug/L	97
35) Methylcyclohexane	9.337	83	178687	23.244	ug/L	99
37) 1,2-Dichloropropane	9.368	63	111889	26.171	ug/L	100
38) Bromodichloromethane	9.642	83	136575	26.206	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	161715	26.390	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	128804	44.266	ug/L	99
42) Toluene	10.386	91	444616	26.237	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	132919	25.726	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	77842	25.134	ug/L	97
46) Tetrachloroethene	10.861	164	78671	24.822	ug/L	97
48) 2-Hexanone	10.965	43	93108	45.324	ug/L	99
49) Dibromochloromethane	11.129	129	84175	27.097	ug/L	99
50) 1,2-Dibromoethane	11.233	107	69750	24.042	ug/L	97
51) Chlorobenzene	11.654	112	276332	26.362	ug/L	99
52) Ethylbenzene	11.727	91	514196	26.812	ug/L	96
53) m,p-Xylene	11.837	106	188068	26.753	ug/L	93
54) o-Xylene	12.166	106	175602	27.002	ug/L	99
55) Styrene	12.178	104	310649	28.191	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	93472	24.056	ug/L	93
59) Bromoform	12.349	173	46834	24.846	ug/L	97
60) Isopropylbenzene	12.458	105	500330	25.525	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67780	21.707	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	365366	26.345	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	386395	25.858	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	214184	26.266	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	213178	25.571	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	183556	25.150	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	14651	20.068	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	137660	25.158	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	108303	24.496	ug/L	97
71) Naphthalene	15.360	128	212334	22.541	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	100335	25.150	ug/L	99

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

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