

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052024\
 Data File : VW028654.D
 Acq On : 20 May 2024 15:30
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: May 21 01:29:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 21 01:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	272306	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126808	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88814	17.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.720%
7) Chloroethane-d5	2.899	69	78089	19.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
11) 1,1-Dichloroethene-d2	4.021	65	40282	18.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.600%
21) 2-Butanone-d5	7.075	46	57720	42.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.580%
24) Chloroform-d	7.648	84	199543	23.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	8.307	65	112227	23.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.160%
32) Benzene-d6	8.276	84	369001	21.518	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.080%
36) 1,2-Dichloropropane-d6	9.270	67	116811	22.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	10.324	98	323429	21.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	10.574	79	45145	21.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.000%
47) 2-Hexanone-d5	10.922	63	39619	44.517	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97814	22.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	106473	22.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	82526	20.855	ug/L	96
3) Chloromethane	2.222	50	110573	22.555	ug/L	99
5) Vinyl chloride	2.375	62	127468	23.095	ug/L	99
6) Bromomethane	2.789	94	78539	24.599	ug/L	96
8) Chloroethane	2.936	64	79542	25.270	ug/L	100
9) Trichlorofluoromethane	3.265	101	95425	21.059	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	98296	23.528	ug/L	96
12) 1,1-Dichloroethene	4.045	96	88793	23.693	ug/L	88
13) Acetone	4.118	43	43440	35.396	ug/L	97
14) Carbon disulfide	4.393	76	283398	22.375	ug/L	99
15) Methyl Acetate	4.667	43	47557	22.273	ug/L	100
16) Methylene chloride	4.917	84	105367	25.019	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	96885	24.832	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	151139	26.249	ug/L	99
19) 1,1-Dichloroethane	6.215	63	200748	25.946	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	106164	25.999	ug/L	95
22) 2-Butanone	7.167	43	62682	39.792	ug/L	100
23) Bromochloromethane	7.514	128	46897	26.329	ug/L	98
25) Chloroform	7.679	83	201514	26.928	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	144910	26.639	ug/L	98
29) Cyclohexane	7.959	56	165347	22.563	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	156937	24.366	ug/L	99
31) Carbon tetrachloride	8.069	117	141097	24.027	ug/L	99
33) Benzene	8.325	78	428233	25.694	ug/L	100
34) Trichloroethene	9.093	95	108376	24.253	ug/L	95
35) Methylcyclohexane	9.337	83	183458	23.493	ug/L	99
37) 1,2-Dichloropropane	9.367	63	115346	26.560	ug/L	100
38) Bromodichloromethane	9.642	83	144764	27.345	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	171671	27.579	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	139075	47.052	ug/L	98
42) Toluene	10.385	91	453238	26.329	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	140147	26.703	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	79876	25.389	ug/L	96
46) Tetrachloroethene	10.861	164	81424	25.291	ug/L	96
48) 2-Hexanone	10.965	43	96372	46.183	ug/L	98
49) Dibromochloromethane	11.129	129	86543	27.425	ug/L	94
50) 1,2-Dibromoethane	11.233	107	75126	25.492	ug/L	98
51) Chlorobenzene	11.654	112	280280	26.322	ug/L	97
52) Ethylbenzene	11.727	91	512418	26.304	ug/L	95
53) m,p-Xylene	11.836	106	188103	26.342	ug/L	96
54) o-Xylene	12.160	106	183281	27.744	ug/L	100
55) Styrene	12.178	104	313167	27.977	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	95697	24.245	ug/L	98
59) Bromoform	12.349	173	47941	25.914	ug/L	100
60) Isopropylbenzene	12.458	105	504718	26.235	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69080	22.541	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	367249	26.980	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	403185	27.491	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	214683	26.824	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	215713	26.363	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	193160	26.965	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	14979	20.905	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	133726	24.900	ug/L	96
70) 1,2,4-trichlorobenzene	15.122	180	114025	26.277	ug/L	98
71) Naphthalene	15.360	128	226869	24.539	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	99608	25.438	ug/L	98

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

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