

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031482.D
 Acq On : 22 Dec 2024 00:06
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025604

Quant Time: Dec 23 01:46:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 00:16:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	489077	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	436520	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	216955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	169284	23.004	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.000%
7) Chloroethane-d5	2.899	69	144282	26.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.040%
11) 1,1-Dichloroethene-d2	4.015	65	72418	20.747	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.000%
21) 2-Butanone-d5	7.106	46	75687	54.615	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.220%
24) Chloroform-d	7.648	84	342936	25.592	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.360%
26) 1,2-Dichloroethane-d4	8.307	65	180500	26.821	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.280%
32) Benzene-d6	8.276	84	659206	23.561	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.240%
36) 1,2-Dichloropropane-d6	9.270	67	203135	24.912	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.640%
41) Toluene-d8	10.319	98	611067	23.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	10.575	79	76587	20.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.480%
47) 2-Hexanone-d5	10.922	63	60426	55.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	153661	30.013	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	210103	26.086	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	106362	24.063	ug/L	98
3) Chloromethane	2.216	50	119349	24.035	ug/L	96
5) Vinyl chloride	2.369	62	193497	28.118	ug/L	96
6) Bromomethane	2.789	94	127093	30.040	ug/L	98
8) Chloroethane	2.936	64	126460	30.901	ug/L	96
9) Trichlorofluoromethane	3.265	101	190014	25.919	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	154072	26.027	ug/L	95
12) 1,1-Dichloroethene	4.039	96	150818	25.154	ug/L	93
13) Acetone	4.192	43	73569	38.119	ug/L #	100
14) Carbon disulfide	4.387	76	386031	19.742	ug/L	99
15) Methyl Acetate	4.692	43	55978	25.537	ug/L	93
16) Methylene chloride	4.917	84	163262	26.531	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	166888	25.823	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	295038	27.307	ug/L	98
19) 1,1-Dichloroethane	6.222	63	323142	26.757	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	192642	27.550	ug/L	100
22) 2-Butanone	7.191	43	92973	39.758	ug/L	97
23) Bromochloromethane	7.514	128	81123	29.090	ug/L	93
25) Chloroform	7.679	83	336728	28.251	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	218603	29.173	ug/L	98
29) Cyclohexane	7.953	56	253298	21.397	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	271837	24.093	ug/L	98
31) Carbon tetrachloride	8.069	117	224711	22.355	ug/L	97
33) Benzene	8.325	78	720432	26.706	ug/L	100
34) Trichloroethene	9.093	95	195525	25.673	ug/L	94
35) Methylcyclohexane	9.331	83	308824	23.284	ug/L	97
37) 1,2-Dichloropropane	9.368	63	183413	27.255	ug/L	99
38) Bromodichloromethane	9.642	83	221645	25.335	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	280395	24.657	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	182170	51.023	ug/L	98
42) Toluene	10.386	91	794350	27.046	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	224151	24.140	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	131125	29.294	ug/L	97
46) Tetrachloroethene	10.855	164	141628	25.388	ug/L	96
48) 2-Hexanone	10.965	43	134760	44.379	ug/L	96
49) Dibromochloromethane	11.129	129	137165	25.851	ug/L	97
50) 1,2-Dibromoethane	11.233	107	122002	28.772	ug/L	96
51) Chlorobenzene	11.654	112	504579	27.401	ug/L	99
52) Ethylbenzene	11.727	91	897528	26.368	ug/L	98
53) m,p-Xylene	11.837	106	352140	27.175	ug/L	97
54) o-Xylene	12.160	106	327498	26.817	ug/L	92
55) Styrene	12.178	104	580552	28.579	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	147525	30.573	ug/L	96
59) Bromoform	12.349	173	68071	22.334	ug/L	97
60) Isopropylbenzene	12.458	105	940394	26.487	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	106693	28.739	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	762107	25.319	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	759745	26.114	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	394254	27.408	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	390068	27.369	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	343910	27.748	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	20998	22.288	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	277509	27.546	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	225086	26.859	ug/L	96
71) Naphthalene	15.360	128	417779	28.435	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	189739	28.101	ug/L	97

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

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