

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031539.D
 Acq On : 26 Dec 2024 19:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025482

Quant Time: Dec 27 00:29:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	559572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	510100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	250909	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	171097	20.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.280%
7) Chloroethane-d5	2.893	69	150154	24.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	4.015	65	79989	20.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.120%
21) 2-Butanone-d5	7.100	46	102817	64.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.680%
24) Chloroform-d	7.648	84	399930	26.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.360%
26) 1,2-Dichloroethane-d4	8.307	65	217778	28.283	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.120%
32) Benzene-d6	8.270	84	749339	22.919	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.680%
36) 1,2-Dichloropropane-d6	9.270	67	229996	24.137	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.560%
41) Toluene-d8	10.319	98	675302	22.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	10.575	79	97157	22.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.440%
47) 2-Hexanone-d5	10.922	63	81385	63.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.020%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	195082	32.607	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	248118	26.637	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	111132	21.975	ug/L	98
3) Chloromethane	2.216	50	131162	23.086	ug/L	98
5) Vinyl chloride	2.369	62	207239	26.321	ug/L	97
6) Bromomethane	2.789	94	139998	28.922	ug/L	99
8) Chloroethane	2.930	64	139942	29.887	ug/L	99
9) Trichlorofluoromethane	3.265	101	207805	24.775	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	177333	26.182	ug/L	96
12) 1,1-Dichloroethene	4.039	96	174460	25.432	ug/L	86
13) Acetone	4.179	43	89060	40.332	ug/L #	100
14) Carbon disulfide	4.387	76	445484	19.912	ug/L	100
15) Methyl Acetate	4.692	43	74916	29.871	ug/L	97
16) Methylene chloride	4.917	84	199871	28.388	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	198734	26.876	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	382457	30.939	ug/L	99
19) 1,1-Dichloroethane	6.216	63	386175	27.948	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	228871	28.608	ug/L	99
22) 2-Butanone	7.191	43	116818	43.661	ug/L	94
23) Bromochloromethane	7.520	128	97334	30.506	ug/L	84
25) Chloroform	7.673	83	402396	29.507	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	269218	31.401	ug/L	100
29) Cyclohexane	7.953	56	291984	21.107	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	326564	24.769	ug/L	99
31) Carbon tetrachloride	8.063	117	277353	23.612	ug/L	100
33) Benzene	8.325	78	832608	26.413	ug/L	100
34) Trichloroethene	9.087	95	226253	25.423	ug/L	94
35) Methylcyclohexane	9.331	83	348423	22.481	ug/L	96
37) 1,2-Dichloropropane	9.368	63	218896	27.835	ug/L	100
38) Bromodichloromethane	9.642	83	278929	27.283	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	348521	26.227	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	248371	59.531	ug/L	98
42) Toluene	10.386	91	912125	26.577	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	291441	26.860	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	165009	31.546	ug/L	95
46) Tetrachloroethene	10.861	164	166574	25.552	ug/L	95
48) 2-Hexanone	10.965	43	173952	49.023	ug/L	97
49) Dibromochloromethane	11.123	129	178543	28.796	ug/L	89
50) 1,2-Dibromoethane	11.233	107	154200	31.120	ug/L	89
51) Chlorobenzene	11.654	112	604851	28.108	ug/L	96
52) Ethylbenzene	11.727	91	1062160	26.703	ug/L	98
53) m,p-Xylene	11.837	106	406520	26.846	ug/L	99
54) o-Xylene	12.160	106	390912	27.392	ug/L	99
55) Styrene	12.178	104	676626	28.504	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	192167	34.080	ug/L	99
59) Bromoform	12.343	173	96304	27.321	ug/L	99
60) Isopropylbenzene	12.458	105	1093378	26.629	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	138699	32.305	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	905945	26.024	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	893628	26.560	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	477888	28.726	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	480119	29.128	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	422147	29.451	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	31063	28.510	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	320034	27.468	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	268028	27.655	ug/L	98
71) Naphthalene	15.354	128	566666	33.349	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	239291	30.644	ug/L	98

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

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