

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073124\
 Data File : VW029804.D
 Acq On : 31 Jul 2024 09:25
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025563

Quant Time: Aug 01 04:40:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	231111	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	218539	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109547	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	65801	20.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.240%
7) Chloroethane-d5	2.899	69	55344	23.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	4.021	65	32870	21.947	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.800%
21) 2-Butanone-d5	7.075	46	44070	49.006	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.020%
24) Chloroform-d	7.648	84	167515	28.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.000%
26) 1,2-Dichloroethane-d4	8.306	65	92233	27.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.280%
32) Benzene-d6	8.270	84	308464	26.123	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.480%
36) 1,2-Dichloropropane-d6	9.270	67	99301	26.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.360%
41) Toluene-d8	10.318	98	280074	26.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.720%
43) trans-1,3-Dichloroprop...	10.574	79	39199	25.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.760%
47) 2-Hexanone-d5	10.922	63	29140	46.871	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74647	26.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	85505	25.137	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78884	25.322	ug/L	97
3) Chloromethane	2.228	50	99237	25.743	ug/L	98
5) Vinyl chloride	2.381	62	109862	25.435	ug/L	99
6) Bromomethane	2.789	94	61761	26.040	ug/L	96
8) Chloroethane	2.936	64	64882	26.405	ug/L	100
9) Trichlorofluoromethane	3.265	101	80270	23.266	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	87072	25.339	ug/L	97
12) 1,1-Dichloroethene	4.045	96	78526	24.871	ug/L	96
13) Acetone	4.118	43	62212	55.667	ug/L	99
14) Carbon disulfide	4.393	76	266676	25.381	ug/L	98
15) Methyl Acetate	4.673	43	44909	24.126	ug/L	99
16) Methylene chloride	4.923	84	94157	19.488	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	87146	25.614	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	134528	23.991	ug/L	97
19) 1,1-Dichloroethane	6.215	63	187845	26.178	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	93460	25.324	ug/L	95
22) 2-Butanone	7.166	43	71493	49.927	ug/L	99
23) Bromochloromethane	7.514	128	41008	26.173	ug/L	96
25) Chloroform	7.672	83	180922	26.761	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127697	25.918	ug/L	98
29) Cyclohexane	7.953	56	151187	24.344	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	138895	25.098	ug/L	99
31) Carbon tetrachloride	8.069	117	129116	25.892	ug/L	100
33) Benzene	8.325	78	386814	25.833	ug/L	100
34) Trichloroethene	9.093	95	98657	25.133	ug/L	96
35) Methylcyclohexane	9.337	83	158407	24.218	ug/L	96
37) 1,2-Dichloropropane	9.367	63	106563	25.970	ug/L	100
38) Bromodichloromethane	9.642	83	127492	26.091	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	156713	26.224	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	125367	48.100	ug/L	98
42) Toluene	10.385	91	405997	26.563	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	126540	25.507	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70018	25.400	ug/L	95
46) Tetrachloroethene	10.861	164	70650	24.763	ug/L	96
48) 2-Hexanone	10.965	43	102233	52.371	ug/L	97
49) Dibromochloromethane	11.123	129	74395	25.996	ug/L	92
50) 1,2-Dibromoethane	11.233	107	63276	24.808	ug/L	96
51) Chlorobenzene	11.653	112	247648	26.049	ug/L	98
52) Ethylbenzene	11.727	91	447128	25.934	ug/L	100
53) m,p-Xylene	11.836	106	165812	26.151	ug/L	88
54) o-Xylene	12.166	106	153131	26.226	ug/L	96
55) Styrene	12.178	104	276831	27.352	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	83433	24.659	ug/L	98
59) Bromoform	12.348	173	39916	24.216	ug/L	98
60) Isopropylbenzene	12.458	105	436411	25.745	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61080	22.925	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	356170	28.268	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	350295	25.996	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	180663	24.980	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	182888	24.618	ug/L	99
67) 1,2-Dichlorobenzene	13.860	146	160895	24.435	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	13367	22.096	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	115466	23.334	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	91137	21.861	ug/L	99
71) Naphthalene	15.360	128	186030	23.387	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	83035	22.006	ug/L	96

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

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