

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
 Data File : VW029568.D
 Acq On : 15 Jul 2024 10:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Jul 15 23:56:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	298893	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	276347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132031	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	87890	18.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
7) Chloroethane-d5	2.893	69	69162	19.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.560%
11) 1,1-Dichloroethene-d2	4.027	65	44902	20.709	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.840%
21) 2-Butanone-d5	7.075	46	57956	39.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.980%
24) Chloroform-d	7.648	84	194154	22.469	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	8.307	65	112221	22.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.560%
32) Benzene-d6	8.270	84	374193	22.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	9.270	67	122422	23.128	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.520%
41) Toluene-d8	10.319	98	330644	22.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.840%
43) trans-1,3-Dichloroprop...	10.575	79	47029	20.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.920%
47) 2-Hexanone-d5	10.922	63	41414	43.058	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90588	21.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	103658	22.544	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	52674	17.997	ug/L	94
3) Chloromethane	2.223	50	82419	21.047	ug/L	96
5) Vinyl chloride	2.375	62	98834	22.116	ug/L	95
6) Bromomethane	2.783	94	57861	21.867	ug/L	96
8) Chloroethane	2.930	64	63191	22.980	ug/L	96
9) Trichlorofluoromethane	3.259	101	90544	22.508	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90094	22.758	ug/L	94
12) 1,1-Dichloroethene	4.039	96	87147	23.445	ug/L	92
13) Acetone	4.119	43	59004	40.333	ug/L	99
14) Carbon disulfide	4.387	76	265889	22.027	ug/L	99
15) Methyl Acetate	4.667	43	53038	20.649	ug/L	98
16) Methylene chloride	4.917	84	101615	18.989	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	100643	24.459	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	169856	24.261	ug/L	99
19) 1,1-Dichloroethane	6.216	63	210846	24.951	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	113499	25.225	ug/L	96
22) 2-Butanone	7.167	43	79468	41.378	ug/L	99
23) Bromochloromethane	7.514	128	46962	23.204	ug/L	94
25) Chloroform	7.673	83	208073	25.448	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147555	24.061	ug/L	99
29) Cyclohexane	7.953	56	176878	25.704	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	155321	24.613	ug/L	98
31) Carbon tetrachloride	8.063	117	142793	24.708	ug/L	100
33) Benzene	8.319	78	433880	25.094	ug/L	100
34) Trichloroethene	9.087	95	113195	24.791	ug/L	95
35) Methylcyclohexane	9.331	83	191443	26.086	ug/L	98
37) 1,2-Dichloropropane	9.368	63	122166	25.551	ug/L	100
38) Bromodichloromethane	9.642	83	146843	25.144	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	183985	25.620	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	161631	47.967	ug/L	100
42) Toluene	10.386	91	456999	25.836	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	150457	24.445	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	82607	24.024	ug/L	98
46) Tetrachloroethene	10.861	164	88625	27.321	ug/L	93
48) 2-Hexanone	10.965	43	119235	47.100	ug/L	99
49) Dibromochloromethane	11.123	129	88686	24.783	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74200	22.644	ug/L	99
51) Chlorobenzene	11.654	112	275846	24.124	ug/L	97
52) Ethylbenzene	11.727	91	535074	26.700	ug/L	97
53) m,p-Xylene	11.837	106	194726	26.469	ug/L	99
54) o-Xylene	12.160	106	185937	27.326	ug/L	98
55) Styrene	12.178	104	320657	26.800	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	100097	23.077	ug/L #	98
59) Bromoform	12.349	173	48743	23.916	ug/L	96
60) Isopropylbenzene	12.458	105	517645	27.865	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74860	23.428	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	395072	29.897	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	418553	28.699	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	213506	25.640	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	211437	24.785	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	184676	24.535	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	16736	21.909	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	147156	27.090	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	125389	26.233	ug/L	97
71) Naphthalene	15.360	128	249181	24.838	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	108048	24.880	ug/L	96

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

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