

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071724\
 Data File : VW029607.D
 Acq On : 17 Jul 2024 09:36
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Quant Time: Jul 18 02:58:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 18 02:17:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	243810	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	221841	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	107736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	77984	19.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.200%
7) Chloroethane-d5	2.899	69	62846	22.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
11) 1,1-Dichloroethene-d2	4.021	65	38002	21.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.960%
21) 2-Butanone-d5	7.075	46	48816	41.289	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.580%
24) Chloroform-d	7.648	84	170677	24.215	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.880%
26) 1,2-Dichloroethane-d4	8.307	65	97472	23.577	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.320%
32) Benzene-d6	8.276	84	319854	24.068	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.280%
36) 1,2-Dichloropropane-d6	9.270	67	104557	24.607	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.440%
41) Toluene-d8	10.325	98	284530	24.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.360%
43) trans-1,3-Dichloroprop...	10.575	79	39990	22.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.880%
47) 2-Hexanone-d5	10.922	63	34092	44.154	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78753	22.827	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	89384	23.823	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	38192	15.997	ug/L	95
3) Chloromethane	2.222	50	62759	19.647	ug/L	98
5) Vinyl chloride	2.375	62	82759	22.703	ug/L	95
6) Bromomethane	2.789	94	50221	23.268	ug/L	96
8) Chloroethane	2.936	64	55083	24.557	ug/L	100
9) Trichlorofluoromethane	3.271	101	70708	21.548	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	75153	23.272	ug/L	97
12) 1,1-Dichloroethene	4.045	96	72100	23.779	ug/L	92
13) Acetone	4.118	43	64227	53.822	ug/L	98
14) Carbon disulfide	4.387	76	211093	21.438	ug/L	99
15) Methyl Acetate	4.667	43	45098	21.525	ug/L	100
16) Methylene chloride	4.911	84	96006	21.995	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	78044	23.252	ug/L	88
18) Methyl tert-butyl Ether	5.429	73	136759	23.947	ug/L	99
19) 1,1-Dichloroethane	6.216	63	176477	25.602	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	91368	24.894	ug/L	96
22) 2-Butanone	7.167	43	68225	43.550	ug/L	100
23) Bromochloromethane	7.514	128	38738	23.465	ug/L	96
25) Chloroform	7.673	83	170909	25.625	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	124244	24.837	ug/L	96
29) Cyclohexane	7.959	56	138398	25.054	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	131173	25.893	ug/L	97
31) Carbon tetrachloride	8.069	117	118809	25.609	ug/L	99
33) Benzene	8.325	78	363637	26.199	ug/L	100
34) Trichloroethene	9.087	95	94362	25.744	ug/L	92
35) Methylcyclohexane	9.337	83	149292	25.341	ug/L	98
37) 1,2-Dichloropropane	9.368	63	101781	26.518	ug/L	100
38) Bromodichloromethane	9.642	83	122734	26.180	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	152234	26.407	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	132985	49.162	ug/L	99
42) Toluene	10.386	91	379227	26.707	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	125424	25.384	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	68936	24.973	ug/L	97
46) Tetrachloroethene	10.861	164	66297	25.459	ug/L	83
48) 2-Hexanone	10.965	43	107051	52.677	ug/L	99
49) Dibromochloromethane	11.123	129	73481	25.579	ug/L	95
50) 1,2-Dibromoethane	11.233	107	62689	23.831	ug/L	98
51) Chlorobenzene	11.654	112	238121	25.941	ug/L	98
52) Ethylbenzene	11.727	91	439262	27.304	ug/L	97
53) m,p-Xylene	11.837	106	157918	26.739	ug/L	99
54) o-Xylene	12.160	106	151104	27.663	ug/L	97
55) Styrene	12.178	104	256937	26.750	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	82619	23.728	ug/L	96
59) Bromoform	12.349	173	40434	24.313	ug/L	98
60) Isopropylbenzene	12.458	105	412480	27.211	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61570	23.614	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	311529	28.891	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	341515	28.697	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	172537	25.393	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	179718	25.818	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	152867	24.889	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	13472	21.613	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	119213	26.895	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	94609	24.257	ug/L	96
71) Naphthalene	15.360	128	186323	22.760	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	84000	23.705	ug/L	96

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

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