

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029802.D
 Acq On : 30 Jul 2024 17:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025562

Quant Time: Jul 31 02:01:41 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	233838	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	218582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	58621	17.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.640%
7) Chloroethane-d5	2.899	69	50642	21.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.480%
11) 1,1-Dichloroethene-d2	4.021	65	29250	19.302	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.200%
21) 2-Butanone-d5	7.075	46	47444	52.143	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.280%
24) Chloroform-d	7.648	84	153318	25.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	8.307	65	88054	25.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.160%
32) Benzene-d6	8.276	84	282593	23.927	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	9.270	67	92508	24.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.324	98	259159	24.679	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	10.574	79	35117	23.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.922	63	31587	50.797	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76414	27.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.160%
66) 1,2-Dichlorobenzene-d4	13.854	152	81663	23.558	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69701	22.113	ug/L	98
3) Chloromethane	2.222	50	97884	25.096	ug/L	97
5) Vinyl chloride	2.381	62	101706	23.272	ug/L	95
6) Bromomethane	2.789	94	58136	24.225	ug/L	94
8) Chloroethane	2.936	64	60913	24.501	ug/L	96
9) Trichlorofluoromethane	3.271	101	80133	22.955	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	77663	22.338	ug/L	92
12) 1,1-Dichloroethene	4.051	96	73000	22.852	ug/L	93
13) Acetone	4.118	43	37750	33.385	ug/L	95
14) Carbon disulfide	4.399	76	246836	23.219	ug/L	100
15) Methyl Acetate	4.667	43	48907	25.967	ug/L	99
16) Methylene chloride	4.923	84	100053	20.467	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	84030	24.410	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	143021	25.208	ug/L	98
19) 1,1-Dichloroethane	6.222	63	180370	24.843	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	94642	25.345	ug/L	98
22) 2-Butanone	7.173	43	61569	42.495	ug/L	100
23) Bromochloromethane	7.514	128	40400	25.485	ug/L	90
25) Chloroform	7.673	83	176067	25.739	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	128767	25.830	ug/L	99
29) Cyclohexane	7.959	56	143316	23.072	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	131540	23.764	ug/L	98
31) Carbon tetrachloride	8.069	117	119436	23.946	ug/L	98
33) Benzene	8.325	78	376249	25.122	ug/L	100
34) Trichloroethene	9.093	95	92716	23.615	ug/L	93
35) Methylcyclohexane	9.337	83	150815	23.053	ug/L	98
37) 1,2-Dichloropropane	9.367	63	106372	25.918	ug/L	100
38) Bromodichloromethane	9.642	83	125932	25.767	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	149184	24.959	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	138474	53.118	ug/L	100
42) Toluene	10.385	91	393390	25.733	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	124914	25.175	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70308	25.500	ug/L	98
46) Tetrachloroethene	10.861	164	63088	22.108	ug/L	95
48) 2-Hexanone	10.965	43	96442	49.395	ug/L	98
49) Dibromochloromethane	11.129	129	75602	26.413	ug/L	92
50) 1,2-Dibromoethane	11.233	107	66922	26.232	ug/L #	96
51) Chlorobenzene	11.653	112	236688	24.891	ug/L	98
52) Ethylbenzene	11.727	91	439776	25.503	ug/L	98
53) m,p-Xylene	11.836	106	158324	24.965	ug/L	97
54) o-Xylene	12.160	106	151448	25.932	ug/L	96
55) Styrene	12.178	104	269634	26.635	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	87757	25.932	ug/L	99
59) Bromoform	12.348	173	41084	24.457	ug/L	98
60) Isopropylbenzene	12.458	105	419328	24.273	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	65164	23.999	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	330170	25.713	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	340425	24.789	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	174565	23.684	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	182140	24.057	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	160593	23.932	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	14297	23.190	ug/L	95
69) 1,3,5-Trichlorobenzene	14.622	180	116349	23.072	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	96307	22.668	ug/L	95
71) Naphthalene	15.360	128	202651	24.998	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88740	23.077	ug/L	98

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

