

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021524\
 Data File : VW028025.D
 Acq On : 15 Feb 2024 17:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: Feb 15 20:55:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 20:52:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	274073	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	133523	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	62515	19.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
7) Chloroethane-d5	2.893	69	57924	23.791	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	4.021	65	28914	21.051	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.081	46	30407	60.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.920%
24) Chloroform-d	7.648	84	159794	24.935	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	8.300	65	75750	26.172	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.680%
32) Benzene-d6	8.276	84	316555	23.485	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	9.270	67	88687	24.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	10.318	98	306213	23.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.574	79	37903	25.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.880%
47) 2-Hexanone-d5	10.922	63	30378	61.110	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74404	27.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	111000	24.458	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	47006	19.916	ug/L	96
3) Chloromethane	2.222	50	54560	21.050	ug/L	96
5) Vinyl chloride	2.375	62	74068	21.083	ug/L	99
6) Bromomethane	2.789	94	56762	22.866	ug/L	93
8) Chloroethane	2.936	64	48916	24.643	ug/L	90
9) Trichlorofluoromethane	3.265	101	66213	20.738	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78012	24.241	ug/L	94
12) 1,1-Dichloroethene	4.045	96	69799	23.315	ug/L	94
13) Acetone	4.137	43	27278	56.243	ug/L	75
14) Carbon disulfide	4.393	76	178232	20.109	ug/L	100
15) Methyl Acetate	4.679	43	22034	27.290	ug/L	97
16) Methylene chloride	4.923	84	81001	23.646	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	75303	23.411	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	104005	27.275	ug/L #	92
19) 1,1-Dichloroethane	6.215	63	132844	25.423	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	88271	25.989	ug/L	97
22) 2-Butanone	7.179	43	33016	58.972	ug/L	97
23) Bromochloromethane	7.514	128	40493	26.839	ug/L	93
25) Chloroform	7.673	83	148050	26.356	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	87578	27.996	ug/L	97
29) Cyclohexane	7.953	56	103156	22.973	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	122417	25.172	ug/L	99
31) Carbon tetrachloride	8.069	117	111492	24.781	ug/L	98
33) Benzene	8.319	78	309636	24.608	ug/L	100
34) Trichloroethene	9.087	95	85942	23.792	ug/L	96
35) Methylcyclohexane	9.331	83	137694	23.165	ug/L	99
37) 1,2-Dichloropropane	9.367	63	75530	25.544	ug/L	99
38) Bromodichloromethane	9.642	83	107046	27.122	ug/L	99
39) cis-1,3-Dichloropropene	10.068	75	127721	26.949	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	69230	62.033	ug/L	100
42) Toluene	10.385	91	349465	24.771	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	104339	27.738	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	63607	27.178	ug/L	99
46) Tetrachloroethene	10.861	164	74119	24.386	ug/L	93
48) 2-Hexanone	10.965	43	51211	60.583	ug/L	100
49) Dibromochloromethane	11.123	129	73737	27.636	ug/L	92
50) 1,2-Dibromoethane	11.233	107	59699	27.328	ug/L	88
51) Chlorobenzene	11.654	112	233833	24.920	ug/L	93
52) Ethylbenzene	11.727	91	394718	24.815	ug/L	96
53) m,p-Xylene	11.836	106	155781	24.972	ug/L	92
54) o-Xylene	12.160	106	148770	25.428	ug/L	97
55) Styrene	12.178	104	254929	26.160	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	71943	28.706	ug/L	99
59) Bromoform	12.342	173	45577	28.920	ug/L	97
60) Isopropylbenzene	12.458	105	413972	24.831	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	49972	28.043	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	344062	25.789	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	334136	25.594	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	190811	24.915	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	188612	24.222	ug/L	95
67) 1,2-Dichlorobenzene	13.860	146	175794	25.988	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10242	28.949	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	134815	24.514	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	109351	24.623	ug/L	98
71) Naphthalene	15.360	128	197526	28.623	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	96172	25.956	ug/L	96

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

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