

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052224\
 Data File : VW028673.D
 Acq On : 22 May 2024 08:41
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: May 23 00:16:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 22 01:14:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	235411	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	83545	18.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
7) Chloroethane-d5	2.899	69	74158	21.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.680%
11) 1,1-Dichloroethene-d2	4.027	65	35570	19.045	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.160%
21) 2-Butanone-d5	7.075	46	55249	47.372	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.740%
24) Chloroform-d	7.648	84	184746	25.116	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	8.307	65	102312	24.295	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.270	84	336625	23.418	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	9.270	67	106125	24.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	10.325	98	295078	23.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	10.575	79	42352	24.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.360%
47) 2-Hexanone-d5	10.922	63	37406	50.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91315	25.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	98301	23.098	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73522	21.491	ug/L	# 84
3) Chloromethane	2.223	50	99662	23.516	ug/L	99
5) Vinyl chloride	2.375	62	117026	24.526	ug/L	98
6) Bromomethane	2.796	94	68756	24.910	ug/L	98
8) Chloroethane	2.936	64	72242	26.548	ug/L	98
9) Trichlorofluoromethane	3.271	101	96849	24.723	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	91143	25.235	ug/L	96
12) 1,1-Dichloroethene	4.045	96	80781	24.933	ug/L	89
13) Acetone	4.119	43	49850	46.985	ug/L	95
14) Carbon disulfide	4.387	76	255866	23.367	ug/L	98
15) Methyl Acetate	4.673	43	40577	21.982	ug/L	99
16) Methylene chloride	4.917	84	89726	24.645	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	87072	25.814	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	124071	24.925	ug/L	99
19) 1,1-Dichloroethane	6.216	63	175313	26.210	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	92837	26.299	ug/L	91
22) 2-Butanone	7.173	43	61656	45.275	ug/L	100
23) Bromochloromethane	7.514	128	40132	26.062	ug/L	92
25) Chloroform	7.679	83	177344	27.412	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122864	26.126	ug/L	100
29) Cyclohexane	7.959	56	151351	24.638	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	144845	26.829	ug/L	100
31) Carbon tetrachloride	8.069	117	130857	26.584	ug/L	98
33) Benzene	8.325	78	376198	26.928	ug/L	100
34) Trichloroethene	9.087	95	98576	26.317	ug/L	96
35) Methylcyclohexane	9.337	83	167950	25.657	ug/L	99
37) 1,2-Dichloropropane	9.368	63	99824	27.421	ug/L	99
38) Bromodichloromethane	9.642	83	124256	28.000	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	145521	27.889	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	116776	47.132	ug/L	99
42) Toluene	10.386	91	397779	27.567	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	121351	27.584	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	69100	26.202	ug/L	98
46) Tetrachloroethene	10.861	164	73206	27.126	ug/L	86
48) 2-Hexanone	10.965	43	85985	49.157	ug/L	100
49) Dibromochloromethane	11.123	129	75908	28.697	ug/L	93
50) 1,2-Dibromoethane	11.233	107	61848	25.036	ug/L	100
51) Chlorobenzene	11.654	112	242750	27.197	ug/L	100
52) Ethylbenzene	11.727	91	450130	27.565	ug/L	94
53) m,p-Xylene	11.837	106	165325	27.620	ug/L	98
54) o-Xylene	12.166	106	157206	28.389	ug/L	93
55) Styrene	12.178	104	272694	29.062	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	81085	24.507	ug/L	97
59) Bromoform	12.349	173	39652	24.341	ug/L	100
60) Isopropylbenzene	12.459	105	455697	26.900	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61842	22.917	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	330419	27.567	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	350501	27.140	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	185467	26.317	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	190961	26.504	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	165627	26.258	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.477	75	13103	20.767	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	121460	25.684	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	99563	26.057	ug/L	100
71) Naphthalene	15.361	128	192441	23.639	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88709	25.728	ug/L	98

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

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