

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040524\
 Data File : VW028328.D
 Acq On : 05 Apr 2024 09:50
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Apr 05 23:34:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 00:59:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	212518	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	195109	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	104659	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	48276	19.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.640%
7) Chloroethane-d5	2.899	69	41583	23.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.760%
11) 1,1-Dichloroethene-d2	4.027	65	31340	19.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.520%
21) 2-Butanone-d5	7.081	46	49750	67.836	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.680%#
24) Chloroform-d	7.648	84	171980	27.444	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.760%
26) 1,2-Dichloroethane-d4	8.307	65	90529	26.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.840%
32) Benzene-d6	8.276	84	317905	26.687	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.760%
36) 1,2-Dichloropropane-d6	9.276	67	101036	29.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.880%
41) Toluene-d8	10.325	98	282302	25.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.760%
43) trans-1,3-Dichloroprop...	10.575	79	39999	25.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.760%
47) 2-Hexanone-d5	10.922	63	38659	68.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.440%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81917	32.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.400%#
66) 1,2-Dichlorobenzene-d4	13.848	152	101304	26.571	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	67517	21.901	ug/L	93
3) Chloromethane	2.222	50	53740	24.578	ug/L	99
5) Vinyl chloride	2.375	62	67304	27.230	ug/L	97
6) Bromomethane	2.795	94	39998	27.173	ug/L	99
8) Chloroethane	2.936	64	38987	29.347	ug/L	97
9) Trichlorofluoromethane	3.271	101	87398	29.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	81834	27.566	ug/L #	84
12) 1,1-Dichloroethene	4.051	96	73782	26.886	ug/L	76
13) Acetone	4.125	43	38779	47.623	ug/L	99
14) Carbon disulfide	4.393	76	205460	24.004	ug/L	100
15) Methyl Acetate	4.679	43	33282	26.535	ug/L	99
16) Methylene chloride	4.923	84	83948	25.954	ug/L	97
17) trans-1,2-Dichloroethene	5.441	96	77696	26.641	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	123071	27.970	ug/L	99
19) 1,1-Dichloroethane	6.228	63	159773	28.298	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	88074	27.962	ug/L	99
22) 2-Butanone	7.173	43	47515	51.394	ug/L	99
23) Bromochloromethane	7.514	128	37897	27.215	ug/L	88
25) Chloroform	7.679	83	162519	27.960	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	104526	25.464	ug/L #	95
29) Cyclohexane	7.959	56	137048	26.930	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	137120	26.810	ug/L	100
31) Carbon tetrachloride	8.075	117	123241	25.689	ug/L	97
33) Benzene	8.325	78	339483	28.276	ug/L	100
34) Trichloroethene	9.093	95	93611	27.947	ug/L	96
35) Methylcyclohexane	9.337	83	149681	26.437	ug/L	100
37) 1,2-Dichloropropane	9.367	63	89994	29.305	ug/L	100
38) Bromodichloromethane	9.642	83	113525	27.419	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	137399	27.938	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	96046	56.661	ug/L	98
42) Toluene	10.386	91	365226	27.873	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	111813	26.929	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	63424	28.585	ug/L	98
46) Tetrachloroethene	10.861	164	69483	25.734	ug/L	94
48) 2-Hexanone	10.965	43	72892	54.895	ug/L	98
49) Dibromochloromethane	11.129	129	71507	27.213	ug/L	97
50) 1,2-Dibromoethane	11.233	107	58837	27.733	ug/L	100
51) Chlorobenzene	11.654	112	234190	28.158	ug/L	97
52) Ethylbenzene	11.727	91	422687	27.633	ug/L	98
53) m,p-Xylene	11.837	106	159098	27.640	ug/L	96
54) o-Xylene	12.166	106	152162	28.506	ug/L	97
55) Styrene	12.178	104	265386	28.944	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	73255	28.865	ug/L	95
59) Bromoform	12.349	173	41577	26.511	ug/L	98
60) Isopropylbenzene	12.458	105	434870	27.966	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	53160	26.614	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	284312	27.250	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	343670	27.279	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	190465	27.455	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	188488	27.172	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	169550	28.381	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	11774	25.093	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	130814	27.071	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	104111	25.361	ug/L	96
71) Naphthalene	15.360	128	188658	26.775	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	90953	26.876	ug/L	98

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

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