

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
 Data File : VW028045.D
 Acq On : 21 Feb 2024 13:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025492

Quant Time: Feb 21 23:31:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 20 00:28:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	275877	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251839	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131907	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64628	20.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
7) Chloroethane-d5	2.899	69	59747	24.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.520%
11) 1,1-Dichloroethene-d2	4.021	65	31250	22.603	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.400%
21) 2-Butanone-d5	7.075	46	27564	54.903	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.800%
24) Chloroform-d	7.648	84	164279	25.467	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.880%
26) 1,2-Dichloroethane-d4	8.307	65	73716	25.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	8.276	84	322082	23.904	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	9.270	67	85873	23.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.040%
41) Toluene-d8	10.325	98	307015	23.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.240%
43) trans-1,3-Dichloroprop...	10.574	79	36550	24.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.320%
47) 2-Hexanone-d5	10.922	63	25818	51.955	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67890	24.863	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	108107	24.113	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	56144	23.633	ug/L	95
3) Chloromethane	2.228	50	52616	20.167	ug/L	93
5) Vinyl chloride	2.375	62	81279	22.984	ug/L	96
6) Bromomethane	2.795	94	60105	24.055	ug/L	100
8) Chloroethane	2.942	64	52094	26.073	ug/L	91
9) Trichlorofluoromethane	3.271	101	83473	25.973	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	82597	25.498	ug/L #	67
12) 1,1-Dichloroethene	4.045	96	76040	25.233	ug/L	94
13) Acetone	4.118	43	30985	63.469	ug/L	98
14) Carbon disulfide	4.387	76	198965	22.302	ug/L	98
15) Methyl Acetate	4.667	43	20963	25.794	ug/L	98
16) Methylene chloride	4.923	84	84075	24.382	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	80261	24.790	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	99805	26.003	ug/L	99
19) 1,1-Dichloroethane	6.222	63	137073	26.061	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	90508	26.473	ug/L	97
22) 2-Butanone	7.167	43	32245	57.219	ug/L	95
23) Bromochloromethane	7.514	128	40429	26.621	ug/L	84
25) Chloroform	7.679	83	154175	27.267	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86436	27.451	ug/L	97
29) Cyclohexane	7.959	56	108858	24.252	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	132267	27.207	ug/L	98
31) Carbon tetrachloride	8.069	117	124934	27.778	ug/L	98
33) Benzene	8.325	78	321345	25.547	ug/L	100
34) Trichloroethene	9.093	95	91823	25.429	ug/L	93
35) Methylcyclohexane	9.331	83	145305	24.454	ug/L	100
37) 1,2-Dichloropropane	9.367	63	75626	25.586	ug/L	100
38) Bromodichloromethane	9.648	83	108216	27.428	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	126692	26.742	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	58519	52.454	ug/L	99
42) Toluene	10.385	91	366644	25.998	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	102463	27.249	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	59833	25.574	ug/L	99
46) Tetrachloroethene	10.861	164	76907	25.312	ug/L	92
48) 2-Hexanone	10.965	43	45978	54.412	ug/L	98
49) Dibromochloromethane	11.129	129	74805	28.046	ug/L	99
50) 1,2-Dibromoethane	11.233	107	57458	26.311	ug/L	91
51) Chlorobenzene	11.654	112	240213	25.609	ug/L	99
52) Ethylbenzene	11.727	91	419061	26.355	ug/L	99
53) m,p-Xylene	11.836	106	161642	25.921	ug/L	87
54) o-Xylene	12.166	106	154533	26.422	ug/L	95
55) Styrene	12.178	104	263977	27.098	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	64766	25.851	ug/L	99
59) Bromoform	12.342	173	42806	27.494	ug/L	99
60) Isopropylbenzene	12.458	105	444790	27.006	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	45515	25.855	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	360873	27.381	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	356138	27.614	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	196468	25.968	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	191696	24.919	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	168196	25.169	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	9294	26.592	ug/L #	91
69) 1,3,5-Trichlorobenzene	14.623	180	144278	26.556	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	116504	26.555	ug/L	98
71) Naphthalene	15.360	128	180855	26.528	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	95879	26.194	ug/L	99

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

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