

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031324\
 Data File : VW028174.D
 Acq On : 13 Mar 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

Quant Time: Mar 14 01:32:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 14 01:29:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	223007	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	209246	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	107777	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	52977	19.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.600%
7) Chloroethane-d5	2.905	69	41231	19.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
11) 1,1-Dichloroethene-d2	4.027	65	22689	20.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.480%
21) 2-Butanone-d5	7.075	46	18498	48.712	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.420%
24) Chloroform-d	7.648	84	109547	23.193	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.307	65	50959	23.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.720%
32) Benzene-d6	8.276	84	210339	21.533	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	9.276	67	55973	22.178	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.720%
41) Toluene-d8	10.325	98	196870	21.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	10.575	79	24930	22.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.160%
47) 2-Hexanone-d5	10.922	63	17632	49.600	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	48658	24.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	73617	22.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	46967	20.615	ug/L	97
3) Chloromethane	2.222	50	48717	22.489	ug/L	99
5) Vinyl chloride	2.375	62	66563	22.049	ug/L	98
6) Bromomethane	2.795	94	49388	20.506	ug/L	100
8) Chloroethane	2.936	64	39359	20.760	ug/L	100
9) Trichlorofluoromethane	3.271	101	65045	23.100	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	65372	22.331	ug/L	91
12) 1,1-Dichloroethene	4.051	96	61459	22.169	ug/L	94
13) Acetone	4.124	43	20932	39.435	ug/L	100
14) Carbon disulfide	4.393	76	174131	20.620	ug/L	98
15) Methyl Acetate	4.673	43	17197	22.922	ug/L	98
16) Methylene chloride	4.923	84	81780	26.659	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	65125	21.985	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	81918	22.581	ug/L #	88
19) 1,1-Dichloroethane	6.222	63	104114	22.229	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	68731	22.048	ug/L	97
22) 2-Butanone	7.173	43	24180	40.789	ug/L	99
23) Bromochloromethane	7.520	128	31514	21.533	ug/L	93
25) Chloroform	7.679	83	118142	22.583	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	71362	22.940	ug/L	99
29) Cyclohexane	7.959	56	84877	21.094	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	104550	22.378	ug/L	99
31) Carbon tetrachloride	8.069	117	98706	22.625	ug/L	99
33) Benzene	8.325	78	246776	21.830	ug/L	100
34) Trichloroethene	9.087	95	70996	21.435	ug/L	96
35) Methylcyclohexane	9.337	83	117971	22.006	ug/L	98
37) 1,2-Dichloropropane	9.367	63	57484	21.836	ug/L	99
38) Bromodichloromethane	9.642	83	82462	21.687	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	94027	21.720	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	46006	44.000	ug/L	99
42) Toluene	10.386	91	281203	22.015	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	77425	22.016	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	47113	21.340	ug/L	97
46) Tetrachloroethene	10.861	164	61559	22.176	ug/L	98
48) 2-Hexanone	10.965	43	35351	41.814	ug/L	98
49) Dibromochloromethane	11.129	129	56552	22.034	ug/L	97
50) 1,2-Dibromoethane	11.233	107	45261	21.285	ug/L	89
51) Chlorobenzene	11.654	112	184410	21.637	ug/L	93
52) Ethylbenzene	11.727	91	325355	22.279	ug/L	96
53) m,p-Xylene	11.836	106	123738	21.839	ug/L	100
54) o-Xylene	12.166	106	117395	21.893	ug/L	94
55) Styrene	12.178	104	201255	22.007	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	52599	22.095	ug/L	93
59) Bromoform	12.349	173	31487	20.608	ug/L	93
60) Isopropylbenzene	12.458	105	334698	22.636	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	36913	22.280	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	215893	22.270	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	262091	22.671	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	146024	21.369	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	149526	21.674	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	131989	21.443	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	7817	22.464	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	109527	21.719	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	87221	21.537	ug/L	94
71) Naphthalene	15.360	128	149074	22.507	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	73695	21.761	ug/L	96

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

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