

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022624\
 Data File : VW028065.D
 Acq On : 26 Feb 2024 15:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025497

Quant Time: Feb 27 01:32:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 27 01:31:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	257962	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	236641	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	124130	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	49519	16.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.560%
7) Chloroethane-d5	2.899	69	47474	20.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.880%
11) 1,1-Dichloroethene-d2	4.021	65	24475	18.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.720%
21) 2-Butanone-d5	7.081	46	28765	61.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.540%
24) Chloroform-d	7.648	84	143276	23.754	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	8.307	65	67144	24.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	8.276	84	274492	21.680	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.720%
36) 1,2-Dichloropropane-d6	9.270	67	75720	22.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.240%
41) Toluene-d8	10.318	98	263285	21.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.920%
43) trans-1,3-Dichloroprop...	10.574	79	32943	23.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.360%
47) 2-Hexanone-d5	10.922	63	27425	58.734	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70989	27.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	99819	23.659	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	46850	21.090	ug/L	99
3) Chloromethane	2.222	50	44566	18.268	ug/L	97
5) Vinyl chloride	2.375	62	65862	19.918	ug/L	97
6) Bromomethane	2.789	94	50937	21.801	ug/L	94
8) Chloroethane	2.936	64	42898	22.961	ug/L	95
9) Trichlorofluoromethane	3.271	101	63132	21.008	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	72024	23.778	ug/L	94
12) 1,1-Dichloroethene	4.045	96	64586	22.921	ug/L	95
13) Acetone	4.118	43	27680	60.637	ug/L	94
14) Carbon disulfide	4.393	76	157332	18.860	ug/L	98
15) Methyl Acetate	4.673	43	20222	26.610	ug/L	97
16) Methylene chloride	4.917	84	80430	24.945	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	69595	22.988	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	94342	26.287	ug/L	99
19) 1,1-Dichloroethane	6.215	63	119576	24.313	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	77859	24.355	ug/L	97
22) 2-Butanone	7.173	43	29795	56.543	ug/L	92
23) Bromochloromethane	7.514	128	36228	25.512	ug/L	95
25) Chloroform	7.679	83	134966	25.527	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	78907	26.800	ug/L	96
29) Cyclohexane	7.953	56	90102	21.362	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	113601	24.868	ug/L	99
31) Carbon tetrachloride	8.063	117	105633	24.995	ug/L	99
33) Benzene	8.325	78	282141	23.871	ug/L	100
34) Trichloroethene	9.087	95	79713	23.493	ug/L	97
35) Methylcyclohexane	9.337	83	121162	21.700	ug/L	99
37) 1,2-Dichloropropane	9.367	63	67289	24.227	ug/L	99
38) Bromodichloromethane	9.642	83	96424	26.009	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	111952	25.148	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	59820	57.064	ug/L	98
42) Toluene	10.385	91	309231	23.335	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	91429	25.876	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	57640	26.219	ug/L	95
46) Tetrachloroethene	10.861	164	63013	22.071	ug/L	84
48) 2-Hexanone	10.965	43	46428	58.473	ug/L	99
49) Dibromochloromethane	11.129	129	67586	26.967	ug/L	98
50) 1,2-Dibromoethane	11.233	107	52195	25.436	ug/L	96
51) Chlorobenzene	11.654	112	220393	25.005	ug/L	98
52) Ethylbenzene	11.727	91	365723	24.477	ug/L	100
53) m,p-Xylene	11.836	106	142920	24.391	ug/L	92
54) o-Xylene	12.160	106	135243	24.609	ug/L	100
55) Styrene	12.178	104	238846	26.093	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	63902	27.144	ug/L	96
59) Bromoform	12.349	173	39945	27.264	ug/L	99
60) Isopropylbenzene	12.458	105	382931	24.707	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	44924	27.118	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	310672	25.049	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	311956	25.704	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	169860	23.857	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	179338	24.774	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	158677	25.233	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9411	28.613	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	123682	24.192	ug/L	92
70) 1,2,4-trichlorobenzene	15.122	180	104060	25.205	ug/L	98
71) Naphthalene	15.360	128	180914	28.199	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88854	25.796	ug/L	98

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

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