

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031224\
 Data File : VW028158.D
 Acq On : 12 Mar 2024 15:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025513

Quant Time: Mar 13 01:11:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 13 01:09:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	264606	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257037	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	138418	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	64584	20.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.800%
7) Chloroethane-d5	2.899	69	47036	19.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.880%
11) 1,1-Dichloroethene-d2	4.021	65	26385	20.450	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.800%
21) 2-Butanone-d5	7.069	46	26810	59.501	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.000%
24) Chloroform-d	7.648	84	130149	23.222	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.880%
26) 1,2-Dichloroethane-d4	8.301	65	64505	24.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.920%
32) Benzene-d6	8.270	84	250881	20.908	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.640%
36) 1,2-Dichloropropane-d6	9.270	67	67290	21.705	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.840%
41) Toluene-d8	10.319	98	239168	21.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	10.575	79	32007	23.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.240%
47) 2-Hexanone-d5	10.922	63	25447	58.274	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	65569	26.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	86984	21.130	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	59446	21.990	ug/L	95
3) Chloromethane	2.223	50	56979	22.168	ug/L	97
5) Vinyl chloride	2.375	62	82271	22.968	ug/L	98
6) Bromomethane	2.789	94	56236	19.679	ug/L	98
8) Chloroethane	2.936	64	45153	20.072	ug/L	99
9) Trichlorofluoromethane	3.265	101	72233	21.620	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	76404	21.997	ug/L #	86
12) 1,1-Dichloroethene	4.039	96	71447	21.721	ug/L	89
13) Acetone	4.119	43	35709	56.698	ug/L	99
14) Carbon disulfide	4.393	76	207942	20.753	ug/L	98
15) Methyl Acetate	4.667	43	24085	27.056	ug/L	96
16) Methylene chloride	4.917	84	80539	22.127	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	77010	21.911	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	104011	24.164	ug/L	99
19) 1,1-Dichloroethane	6.216	63	125151	22.519	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	83968	22.701	ug/L	97
22) 2-Butanone	7.161	43	37900	53.882	ug/L	99
23) Bromochloromethane	7.514	128	40525	23.337	ug/L	95
25) Chloroform	7.673	83	142353	22.933	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	90013	24.387	ug/L	100
29) Cyclohexane	7.953	56	102351	20.707	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	122653	21.372	ug/L	98
31) Carbon tetrachloride	8.069	117	117992	22.017	ug/L	98
33) Benzene	8.319	78	298298	21.482	ug/L	100
34) Trichloroethene	9.087	95	86765	21.325	ug/L	95
35) Methylcyclohexane	9.331	83	141367	21.468	ug/L	98
37) 1,2-Dichloropropane	9.361	63	70440	21.783	ug/L	100
38) Bromodichloromethane	9.642	83	103511	22.161	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	118039	22.197	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	68733	53.514	ug/L	99
42) Toluene	10.386	91	343702	21.905	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	102190	23.655	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	63521	23.422	ug/L	98
46) Tetrachloroethene	10.861	164	73665	21.603	ug/L	93
48) 2-Hexanone	10.965	43	53875	51.876	ug/L	98
49) Dibromochloromethane	11.123	129	74044	23.486	ug/L	87
50) 1,2-Dibromoethane	11.233	107	60744	23.255	ug/L	92
51) Chlorobenzene	11.654	112	224981	21.489	ug/L	93
52) Ethylbenzene	11.727	91	388145	21.637	ug/L	94
53) m,p-Xylene	11.831	106	148618	21.353	ug/L	98
54) o-Xylene	12.160	106	140204	21.285	ug/L	85
55) Styrene	12.178	104	248248	22.098	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	71514	24.455	ug/L	97
59) Bromoform	12.349	173	43838	22.340	ug/L	98
60) Isopropylbenzene	12.458	105	406154	21.388	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	50666	23.812	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	262347	21.072	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	313687	21.128	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	188665	21.497	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	189520	21.390	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	163620	20.697	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	11072	24.775	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.623	180	131950	20.374	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	105490	20.282	ug/L	96
71) Naphthalene	15.354	128	210822	24.783	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	95831	22.033	ug/L	98

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

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