

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030065.D
 Acq On : 28 Aug 2024 01:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025593

Quant Time: Aug 28 02:46:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 02:43:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	173232	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	169672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	82283	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54331	21.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
7) Chloroethane-d5	2.899	69	39946	21.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.015	65	23649	21.472	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.880%
21) 2-Butanone-d5	7.088	46	30783	59.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.800%
24) Chloroform-d	7.648	84	109968	23.540	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.307	65	60581	25.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.160%
32) Benzene-d6	8.276	84	217317	21.699	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	9.270	67	70061	23.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	10.325	98	189577	20.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	10.575	79	26297	21.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.160%
47) 2-Hexanone-d5	10.922	63	25281	56.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	57606	26.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	62276	20.925	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	43013	21.589	ug/L	96
3) Chloromethane	2.223	50	57437	24.798	ug/L	97
5) Vinyl chloride	2.375	62	59238	21.638	ug/L	96
6) Bromomethane	2.789	94	38299	22.512	ug/L	99
8) Chloroethane	2.936	64	36283	23.000	ug/L	96
9) Trichlorofluoromethane	3.265	101	50705	21.388	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	50272	22.165	ug/L	95
12) 1,1-Dichloroethene	4.039	96	48514	21.848	ug/L	88
13) Acetone	4.155	43	19560	41.615	ug/L	97
14) Carbon disulfide	4.393	76	164172	23.833	ug/L	98
15) Methyl Acetate	4.686	43	25461	27.784	ug/L	97
16) Methylene chloride	4.917	84	62142	21.715	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	55125	22.448	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	86102	22.926	ug/L	98
19) 1,1-Dichloroethane	6.216	63	111508	24.436	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	60386	22.248	ug/L	89
22) 2-Butanone	7.185	43	31315	46.559	ug/L	95
23) Bromochloromethane	7.520	128	26728	23.217	ug/L	91
25) Chloroform	7.673	83	111386	23.863	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	74721	25.009	ug/L	97
29) Cyclohexane	7.959	56	88528	21.608	ug/L	94
30) 1,1,1-Trichloroethane	7.868	97	83829	21.094	ug/L	99
31) Carbon tetrachloride	8.069	117	73778	20.664	ug/L	99
33) Benzene	8.319	78	243771	22.424	ug/L	100
34) Trichloroethene	9.087	95	61187	20.903	ug/L	94
35) Methylcyclohexane	9.337	83	99767	20.810	ug/L	94
37) 1,2-Dichloropropane	9.368	63	64358	23.379	ug/L	99
38) Bromodichloromethane	9.642	83	79146	22.786	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	92434	21.816	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	72969	53.250	ug/L	94
42) Toluene	10.386	91	259946	22.454	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	75025	21.882	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	45894	22.746	ug/L	98
46) Tetrachloroethene	10.855	164	44403	19.986	ug/L	97
48) 2-Hexanone	10.965	43	52162	53.547	ug/L	90
49) Dibromochloromethane	11.129	129	47248	22.039	ug/L	99
50) 1,2-Dibromoethane	11.233	107	43038	22.835	ug/L	90
51) Chlorobenzene	11.654	112	155540	21.013	ug/L	94
52) Ethylbenzene	11.727	91	281747	21.479	ug/L	95
53) m,p-Xylene	11.837	106	104944	21.438	ug/L	95
54) o-Xylene	12.160	106	100049	21.294	ug/L	99
55) Styrene	12.178	104	175631	22.310	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	55337	24.355	ug/L	99
59) Bromoform	12.349	173	27675	22.586	ug/L	91
60) Isopropylbenzene	12.459	105	278952	21.250	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	39316	23.500	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	221353	22.678	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	220803	21.462	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	114006	20.372	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	119147	21.075	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	104008	20.776	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	8369	23.368	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	70019	19.164	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	61160	19.340	ug/L	97
71) Naphthalene	15.354	128	133016	22.028	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	57446	20.696	ug/L	98

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

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