

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103123\
 Data File : VW027491.D
 Acq On : 31 Oct 2023 17:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: Nov 01 01:51:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	373143	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346270	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186247	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98734	17.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.360%
7) Chloroethane-d5	2.899	69	86526	21.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.640%
11) 1,1-Dichloroethene-d2	4.021	65	52087	18.254	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.000%
21) 2-Butanone-d5	7.081	46	103954	54.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.840%
24) Chloroform-d	7.648	84	274767	24.706	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.307	65	144829	24.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.960%
32) Benzene-d6	8.276	84	514112	21.945	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.760%
36) 1,2-Dichloropropane-d6	9.270	67	174489	24.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.520%
41) Toluene-d8	10.325	98	438490	20.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.560%
43) trans-1,3-Dichloroprop...	10.575	79	62790	19.246	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.000%
47) 2-Hexanone-d5	10.922	63	76868	51.921	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148522	27.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.280%
66) 1,2-Dichlorobenzene-d4	13.849	152	151652	22.469	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	89349	20.125	ug/L	92
3) Chloromethane	2.223	50	121468	23.807	ug/L	99
5) Vinyl chloride	2.381	62	131989	23.159	ug/L	96
6) Bromomethane	2.790	94	75130	23.144	ug/L	94
8) Chloroethane	2.936	64	80919	24.666	ug/L	97
9) Trichlorofluoromethane	3.265	101	107196	26.660	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	117207	23.279	ug/L	97
12) 1,1-Dichloroethene	4.045	96	112012	22.892	ug/L	86
13) Acetone	4.125	43	69205	42.332	ug/L	99
14) Carbon disulfide	4.393	76	283378	18.682	ug/L	98
15) Methyl Acetate	4.673	43	69542	24.906	ug/L	97
16) Methylene chloride	4.917	84	145235	21.263	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	123407	23.468	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	225138	24.815	ug/L	99
19) 1,1-Dichloroethane	6.216	63	279743	26.074	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	150155	25.285	ug/L	100
22) 2-Butanone	7.167	43	99107	40.501	ug/L	98
23) Bromochloromethane	7.520	128	60715	24.764	ug/L	98
25) Chloroform	7.679	83	268006	26.690	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	175100	25.670	ug/L	98
29) Cyclohexane	7.953	56	224341	21.338	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	206514	24.449	ug/L	98
31) Carbon tetrachloride	8.069	117	176059	23.116	ug/L	99
33) Benzene	8.325	78	568643	25.128	ug/L	100
34) Trichloroethene	9.093	95	146438	24.497	ug/L	95
35) Methylcyclohexane	9.337	83	234652	21.951	ug/L	99
37) 1,2-Dichloropropane	9.368	63	160851	26.288	ug/L	100
38) Bromodichloromethane	9.648	83	189276	25.156	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	235117	23.261	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	208856	49.633	ug/L	98
42) Toluene	10.386	91	595604	25.089	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	190272	22.310	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	110659	26.281	ug/L	96
46) Tetrachloroethene	10.861	164	100357	24.314	ug/L	94
48) 2-Hexanone	10.965	43	145400	46.684	ug/L	98
49) Dibromochloromethane	11.130	129	113722	24.319	ug/L	96
50) 1,2-Dibromoethane	11.233	107	99522	24.378	ug/L	99
51) Chlorobenzene	11.654	112	381434	25.658	ug/L	98
52) Ethylbenzene	11.727	91	698975	25.337	ug/L	98
53) m,p-Xylene	11.837	106	256250	24.490	ug/L	99
54) o-Xylene	12.160	106	248566	24.807	ug/L	95
55) Styrene	12.178	104	438909	25.649	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	137371	26.725	ug/L	99
59) Bromoform	12.349	173	60994	22.009	ug/L	97
60) Isopropylbenzene	12.459	105	682733	23.335	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	99363	24.434	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	568727	23.303	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	560234	23.461	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	292624	24.663	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	286524	24.182	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	259019	24.602	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	19778	19.460	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	182014	23.632	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	145669	22.221	ug/L	98
71) Naphthalene	15.360	128	288534	21.403	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	124395	23.076	ug/L	94

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

