

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100324\
 Data File : VW030384.D
 Acq On : 03 Oct 2024 20:21
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025503

Quant Time: Oct 04 01:11:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 04 01:05:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	176466	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	169674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	81824	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	38527	27.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.760%	
7) Chloroethane-d5	2.899	69	31045	30.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.760%	
11) 1,1-Dichloroethene-d2	4.021	65	23653	23.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 94.000%	
21) 2-Butanone-d5	7.075	46	28524	51.437	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.880%	
24) Chloroform-d	7.648	84	117890	24.867	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 99.480%	
26) 1,2-Dichloroethane-d4	8.307	65	63393	25.619	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.480%	
32) Benzene-d6	8.276	84	225052	23.665	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 94.680%	
36) 1,2-Dichloropropane-d6	9.276	67	69902	24.439	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.760%	
41) Toluene-d8	10.325	98	205959	23.619	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.480%	
43) trans-1,3-Dichloroprop...	10.575	79	27642	23.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.920%	
47) 2-Hexanone-d5	10.922	63	23976	50.764	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.520%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	54131	25.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.320%	
66) 1,2-Dichlorobenzene-d4	13.848	152	66944	24.642	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	40526	21.010	ug/L	95
3) Chloromethane	2.223	50	40411	26.744	ug/L	99
5) Vinyl chloride	2.375	62	45798	28.511	ug/L	98
6) Bromomethane	2.796	94	28751	26.892	ug/L	92
8) Chloroethane	2.936	64	26388	30.110	ug/L	91
9) Trichlorofluoromethane	3.271	101	50552	24.430	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	46684	22.645	ug/L #	69
12) 1,1-Dichloroethene	4.051	96	43559	21.247	ug/L	93
13) Acetone	4.125	43	26598	45.216	ug/L	96
14) Carbon disulfide	4.393	76	147075	21.572	ug/L	97
15) Methyl Acetate	4.673	43	22303	23.245	ug/L	95
16) Methylene chloride	4.923	84	52321	19.264	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	51723	21.733	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	84155	22.232	ug/L	98
19) 1,1-Dichloroethane	6.222	63	103695	22.879	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	56973	21.667	ug/L	95
22) 2-Butanone	7.167	43	32998	43.880	ug/L	98
23) Bromochloromethane	7.514	128	25395	22.122	ug/L	93
25) Chloroform	7.679	83	106349	22.625	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	69644	22.341	ug/L	99
29) Cyclohexane	7.959	56	83205	22.246	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	85848	21.842	ug/L	98
31) Carbon tetrachloride	8.075	117	76316	21.725	ug/L	100
33) Benzene	8.325	78	230419	22.296	ug/L	100
34) Trichloroethene	9.093	95	59240	21.550	ug/L	92
35) Methylcyclohexane	9.337	83	93958	22.272	ug/L	96
37) 1,2-Dichloropropane	9.368	63	60690	22.257	ug/L	100
38) Bromodichloromethane	9.642	83	75037	21.919	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	91140	21.799	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	64892	46.269	ug/L	99
42) Toluene	10.386	91	244649	22.113	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	76211	21.998	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	41369	21.529	ug/L	93
46) Tetrachloroethene	10.867	164	42529	20.684	ug/L	97
48) 2-Hexanone	10.965	43	47616	46.107	ug/L	98
49) Dibromochloromethane	11.129	129	45696	21.132	ug/L	99
50) 1,2-Dibromoethane	11.233	107	38368	21.102	ug/L	96
51) Chlorobenzene	11.654	112	152370	21.312	ug/L	95
52) Ethylbenzene	11.727	91	276963	22.097	ug/L	98
53) m,p-Xylene	11.837	106	104291	22.290	ug/L	95
54) o-Xylene	12.166	106	98755	22.176	ug/L	95
55) Styrene	12.178	104	168885	22.230	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	50079	22.253	ug/L	98
59) Bromoform	12.349	173	27047	22.817	ug/L	98
60) Isopropylbenzene	12.458	105	269420	23.198	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	36218	23.284	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	221724	23.603	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	219755	23.677	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	117461	22.631	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	121217	22.862	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	105113	22.717	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	7717	21.652	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	74762	20.870	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	64649	21.797	ug/L	93
71) Naphthalene	15.360	128	119083	21.951	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	54868	21.135	ug/L	98

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

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