

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
 Data File : VW027053.D
 Acq On : 12 Sep 2023 00:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: Sep 12 01:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	517554	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528054	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	321485	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	158514	17.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.560%
7) Chloroethane-d5	2.893	69	149219	19.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	4.021	65	66871	19.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.480%
21) 2-Butanone-d5	7.075	46	92153	51.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.440%
24) Chloroform-d	7.648	84	404240	26.248	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	8.307	65	202506	25.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.080%
32) Benzene-d6	8.276	84	816291	23.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.280%
36) 1,2-Dichloropropane-d6	9.276	67	240438	23.646	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.600%
41) Toluene-d8	10.325	98	747477	23.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.575	79	91498	23.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.760%
47) 2-Hexanone-d5	10.922	63	53924	56.804	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	232624	29.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	267901	24.094	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	138488	23.261	ug/L #	72
3) Chloromethane	2.222	50	164973	18.371	ug/L	98
5) Vinyl chloride	2.375	62	208447	20.349	ug/L	94
6) Bromomethane	2.783	94	158498	23.444	ug/L	99
8) Chloroethane	2.930	64	139513	21.705	ug/L	96
9) Trichlorofluoromethane	3.265	101	134656	22.657	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	202649	27.457	ug/L	90
12) 1,1-Dichloroethene	4.045	96	189926	25.973	ug/L	95
13) Acetone	4.118	43	73124	46.875	ug/L	95
14) Carbon disulfide	4.393	76	537792	22.930	ug/L	98
15) Methyl Acetate	4.667	43	93274	28.757	ug/L #	88
16) Methylene chloride	4.923	84	252064	25.139	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	213081	26.624	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	327628	29.398	ug/L	97
19) 1,1-Dichloroethane	6.216	63	410179	27.188	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	251325	28.535	ug/L	94
22) 2-Butanone	7.173	43	121055	48.228	ug/L	94
23) Bromochloromethane	7.514	128	117410	30.717	ug/L	94
25) Chloroform	7.679	83	431833	29.183	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270461	28.919	ug/L	95
29) Cyclohexane	7.959	56	306789	22.284	ug/L	93
30) 1,1,1-Trichloroethane	7.874	97	317352	26.531	ug/L	97
31) Carbon tetrachloride	8.069	117	291957	27.386	ug/L	99
33) Benzene	8.325	78	957566	26.516	ug/L	100
34) Trichloroethene	9.093	95	237778	25.626	ug/L	92
35) Methylcyclohexane	9.337	83	379992	24.103	ug/L	98
37) 1,2-Dichloropropane	9.367	63	244528	26.534	ug/L	98
38) Bromodichloromethane	9.642	83	309355	28.504	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	352808	25.788	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	266685	56.052	ug/L	94
42) Toluene	10.386	91	1042747	28.058	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	306987	27.633	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	200381	30.183	ug/L	96
46) Tetrachloroethene	10.861	164	186292	26.301	ug/L	90
48) 2-Hexanone	10.965	43	184351	56.854	ug/L	97
49) Dibromochloromethane	11.129	129	212136	31.020	ug/L	85
50) 1,2-Dibromoethane	11.233	107	179196	29.815	ug/L	96
51) Chlorobenzene	11.654	112	667000	27.864	ug/L	95
52) Ethylbenzene	11.727	91	1126672	27.346	ug/L	96
53) m,p-Xylene	11.837	106	441941	28.357	ug/L	98
54) o-Xylene	12.166	106	426515	29.248	ug/L	95
55) Styrene	12.178	104	762325	30.630	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.714	83	248898	31.692	ug/L	100
59) Bromoform	12.349	173	131446	28.750	ug/L	93
60) Isopropylbenzene	12.464	105	1162849	26.404	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	176163	28.644	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	945030	26.891	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	954940	27.794	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	544706	27.188	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	553684	27.190	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	497568	27.565	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	39177	28.092	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	359816	25.854	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	306608	27.058	ug/L	94
71) Naphthalene	15.360	128	612859	30.566	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	295283	28.746	ug/L	99

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

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