

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
 Data File : VW027194.D
 Acq On : 03 Oct 2023 09:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025510

Quant Time: Oct 04 01:34:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 27 23:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	654957	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	629051	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	343689	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	217299	21.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.480%
7) Chloroethane-d5	2.899	69	176751	21.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.021	65	94288	22.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.200%
21) 2-Butanone-d5	7.075	46	96774	45.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.980%
24) Chloroform-d	7.648	84	423132	22.074	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.280%
26) 1,2-Dichloroethane-d4	8.307	65	204350	22.245	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	8.276	84	877230	22.754	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	9.276	67	256353	22.211	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	10.325	98	766443	22.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.120%
43) trans-1,3-Dichloroprop...	10.575	79	106200	23.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.922	63	86025	48.723	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	197074	22.311	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	256075	22.222	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	194100	22.807	ug/L	91
3) Chloromethane	2.223	50	247576	21.552	ug/L	95
5) Vinyl chloride	2.375	62	296697	23.656	ug/L	99
6) Bromomethane	2.790	94	198897	24.070	ug/L	94
8) Chloroethane	2.930	64	187076	24.576	ug/L	98
9) Trichlorofluoromethane	3.271	101	263653	25.011	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	267589	25.230	ug/L	98
12) 1,1-Dichloroethene	4.045	96	253097	24.979	ug/L	96
13) Acetone	4.112	43	161388	61.394	ug/L	98
14) Carbon disulfide	4.387	76	830084	24.408	ug/L	99
15) Methyl Acetate	4.673	43	106854	24.252	ug/L	99
16) Methylene chloride	4.917	84	274086	21.377	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	267622	24.548	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	346706	25.413	ug/L	98
19) 1,1-Dichloroethane	6.216	63	494455	24.320	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	288313	24.809	ug/L	92
22) 2-Butanone	7.167	43	185612	57.092	ug/L	100
23) Bromochloromethane	7.514	128	127808	24.102	ug/L	94
25) Chloroform	7.679	83	484814	24.448	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	292840	24.107	ug/L	96
29) Cyclohexane	7.959	56	437706	26.154	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	407576	26.064	ug/L	99
31) Carbon tetrachloride	8.069	117	379197	25.674	ug/L	99
33) Benzene	8.319	78	1110478	24.976	ug/L	100
34) Trichloroethene	9.093	95	285979	24.631	ug/L	98
35) Methylcyclohexane	9.337	83	502852	25.750	ug/L	99
37) 1,2-Dichloropropane	9.368	63	279104	24.363	ug/L	100
38) Bromodichloromethane	9.642	83	342114	24.864	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	425595	25.213	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	285533	51.375	ug/L	100
42) Toluene	10.386	91	1170961	25.646	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	361664	26.143	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	203636	24.563	ug/L	97
46) Tetrachloroethene	10.861	164	229899	25.189	ug/L	92
48) 2-Hexanone	10.965	43	241910	55.521	ug/L	98
49) Dibromochloromethane	11.130	129	220186	24.489	ug/L	99
50) 1,2-Dibromoethane	11.233	107	189210	24.595	ug/L	93
51) Chlorobenzene	11.654	112	746143	24.626	ug/L	96
52) Ethylbenzene	11.727	91	1316513	25.666	ug/L	98
53) m,p-Xylene	11.837	106	508333	25.845	ug/L	91
54) o-Xylene	12.166	106	470928	25.631	ug/L	97
55) Styrene	12.178	104	808955	25.577	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	235608	23.693	ug/L	97
59) Bromoform	12.349	173	134542	24.790	ug/L	99
60) Isopropylbenzene	12.459	105	1282780	25.347	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164309	23.351	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1066949	26.889	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	1028085	26.439	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	569501	24.381	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	580316	24.729	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	512025	25.009	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.477	75	34450	22.857	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	388204	25.810	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	304164	25.632	ug/L	97
71) Naphthalene	15.360	128	535385	25.571	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	267239	25.370	ug/L	98

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

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