

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100623\
 Data File : VW027268.D
 Acq On : 06 Oct 2023 17:23
 Operator : SY/MD
 Sample : 04771-13MSD
 Misc : 3.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX855MSD

Quant Time: Oct 07 00:26:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 07 00:22:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	713130	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	669765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	328832	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	207560	18.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.080%
7) Chloroethane-d5	2.893	69	186184	21.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.080%
11) 1,1-Dichloroethene-d2	4.021	65	91127	19.575	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.320%
21) 2-Butanone-d5	7.081	46	121989	52.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.340%
24) Chloroform-d	7.648	84	454929	21.797	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	8.307	65	243392	24.334	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.320%
32) Benzene-d6	8.276	84	901268	21.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.840%
36) 1,2-Dichloropropane-d6	9.276	67	278389	22.654	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.600%
41) Toluene-d8	10.325	98	782743	21.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.440%
43) trans-1,3-Dichloroprop...	10.575	79	111306	23.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.320%
47) 2-Hexanone-d5	10.922	63	98808	52.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	232561	24.728	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	217917	19.765	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	219779	23.718	ug/L	93
3) Chloromethane	2.229	50	259835	20.774	ug/L	98
5) Vinyl chloride	2.375	62	285450	20.902	ug/L	98
6) Bromomethane	2.789	94	201699	22.418	ug/L	100
8) Chloroethane	2.936	64	196927	23.760	ug/L	96
9) Trichlorofluoromethane	3.265	101	224120	19.527	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	251482m	21.777	ug/L	
12) 1,1-Dichloroethene	4.045	96	238857	21.650	ug/L	98
13) Acetone	4.125	43	210079	73.397	ug/L	95
14) Carbon disulfide	4.387	76	722829	19.520	ug/L	99
15) Methyl Acetate	4.673	43	123519	25.748	ug/L	97
16) Methylene chloride	4.911	84	307703	22.042	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	253690	21.371	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	368746	24.823	ug/L	98
19) 1,1-Dichloroethane	6.222	63	509842	23.031	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	301323	23.813	ug/L	95
22) 2-Butanone	7.173	43	225902	63.816	ug/L	97
23) Bromochloromethane	7.520	128	132767	22.995	ug/L	93
25) Chloroform	7.679	83	516140	23.905	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	345444	26.118	ug/L	98
29) Cyclohexane	7.959	56	379575	21.302	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	395863	23.776	ug/L	98
31) Carbon tetrachloride	8.069	117	351185	22.332	ug/L	98
33) Benzene	8.325	78	1153778	24.373	ug/L	100
34) Trichloroethene	9.093	95	1193327	96.532	ug/L	94
35) Methylcyclohexane	9.337	83	413951	19.909	ug/L	99
37) 1,2-Dichloropropane	9.368	63	309354	25.362	ug/L	99
38) Bromodichloromethane	9.642	83	361970	24.708	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	428765	23.857	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	346779	58.602	ug/L	97
42) Toluene	10.386	91	1171211	24.092	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	370624	25.162	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	225533	25.550	ug/L	99
46) Tetrachloroethene	10.867	164	196578	20.229	ug/L	93
48) 2-Hexanone	10.965	43	292535	63.059	ug/L	97
49) Dibromochloromethane	11.129	129	237587	24.818	ug/L	95
50) 1,2-Dibromoethane	11.233	107	200324	24.457	ug/L	91
51) Chlorobenzene	11.654	112	708639	21.966	ug/L	100
52) Ethylbenzene	11.727	91	1216561	22.275	ug/L	100
53) m,p-Xylene	11.837	106	466257	22.265	ug/L	91
54) o-Xylene	12.166	106	443976	22.695	ug/L	99
55) Styrene	12.178	104	777397	23.085	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	257483	24.319	ug/L	97
59) Bromoform	12.349	173	131726	25.368	ug/L	96
60) Isopropylbenzene	12.458	105	1137306	23.488	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	185025	27.483	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	888599	23.406	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	847885	22.790	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	455655	20.389	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	487465	21.710	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	441188	22.523	ug/L	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	38881	26.962	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	235969	16.397	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	170556	15.022	ug/L	95
71) Naphthalene	15.360	128	392253	19.581	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	152773	15.159	ug/L	99

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

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