

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100623\
 Data File : VW027267.D
 Acq On : 06 Oct 2023 16:58
 Operator : SY/MD
 Sample : 04771-12MS
 Misc : 3.91g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX855MS

Quant Time: Oct 07 00:26:00 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	865268	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	765070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	331187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	224144	16.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.960%
7) Chloroethane-d5	2.899	69	212226m	19.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	4.027	65	102456	18.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.560%
21) 2-Butanone-d5	7.075	46	143111	50.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.840%
24) Chloroform-d	7.648	84	506644	20.007	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.040%
26) 1,2-Dichloroethane-d4	8.307	65	269841	22.235	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	8.276	84	984143	20.989	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.960%
36) 1,2-Dichloropropane-d6	9.270	67	307374	21.897	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.600%
41) Toluene-d8	10.325	98	825651	19.955	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	10.575	79	118466	21.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.000%
47) 2-Hexanone-d5	10.922	63	119367	55.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244121	22.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	193438	17.420	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.680%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	288784	25.685	ug/L	98
3) Chloromethane	2.228	50	327805	21.600	ug/L	99
5) Vinyl chloride	2.381	62	345732	20.865	ug/L	98
6) Bromomethane	2.789	94	251863	23.072	ug/L	99
8) Chloroethane	2.936	64	248738	24.735	ug/L	98
9) Trichlorofluoromethane	3.265	101	250432	17.983	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	297765	21.251	ug/L	98
12) 1,1-Dichloroethene	4.051	96	292703	21.866	ug/L	94
13) Acetone	4.118	43	258682	74.487	ug/L	95
14) Carbon disulfide	4.399	76	889239	19.792	ug/L	99
15) Methyl Acetate	4.667	43	156128	26.823	ug/L	98
16) Methylene chloride	4.923	84	365855	21.599	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	319028	22.150	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	452969	25.131	ug/L	98
19) 1,1-Dichloroethane	6.216	63	628320	23.392	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	364274	23.726	ug/L	96
22) 2-Butanone	7.167	43	294700	68.613	ug/L	97
23) Bromochloromethane	7.520	128	162746	23.231	ug/L	96
25) Chloroform	7.679	83	634203	24.208	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	425362	26.505	ug/L	98
29) Cyclohexane	7.959	56	466127	22.900	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	470689	24.749	ug/L	97
31) Carbon tetrachloride	8.075	117	416828	23.204	ug/L	100
33) Benzene	8.325	78	1456250	26.930	ug/L	100
34) Trichloroethene	9.093	95	1150698	81.488	ug/L	95
35) Methylcyclohexane	9.337	83	472580	19.898	ug/L	97
37) 1,2-Dichloropropane	9.367	63	374543	26.881	ug/L	100
38) Bromodichloromethane	9.642	83	437518	26.145	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	527172	25.678	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	454820	67.286	ug/L	97
42) Toluene	10.386	91	1416361	25.505	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	456547	27.134	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	272031	26.979	ug/L	97
46) Tetrachloroethene	10.861	164	235413	21.208	ug/L	90
48) 2-Hexanone	10.965	43	396862	74.891	ug/L	97
49) Dibromochloromethane	11.123	129	274245	25.079	ug/L	96
50) 1,2-Dibromoethane	11.233	107	252113	26.945	ug/L	92
51) Chlorobenzene	11.660	112	826431	22.426	ug/L	95
52) Ethylbenzene	11.727	91	1439781	23.079	ug/L	97
53) m,p-Xylene	11.836	106	537898	22.486	ug/L	94
54) o-Xylene	12.166	106	516057	23.094	ug/L	95
55) Styrene	12.178	104	862991	22.435	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	310011	25.633	ug/L	98
59) Bromoform	12.349	173	152647	29.188	ug/L	95
60) Isopropylbenzene	12.458	105	1283531	26.319	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	227560	33.561	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	938359	24.541	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	916023	24.447	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	459798	20.428	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	470334	20.799	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	410794	20.822	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	41860	28.821	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	186573	12.873	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	121728	10.645	ug/L	94
71) Naphthalene	15.360	128	329273	16.320	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	104792	10.324	ug/L	96

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

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