

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027247.D
 Acq On : 05 Oct 2023 19:42
 Operator : SY/MD
 Sample : 04747-11MS
 Misc : 5.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E05J6MS

Quant Time: Oct 06 01:27:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1030133	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	982734	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	519324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	345471	21.345	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
7) Chloroethane-d5	2.893	69	288350	22.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.160%
11) 1,1-Dichloroethene-d2	4.021	65	140523	20.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.600%
21) 2-Butanone-d5	7.081	46	194535	58.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.280%
24) Chloroform-d	7.648	84	696095	23.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	8.307	65	350578	24.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.040%
32) Benzene-d6	8.276	84	1399075	23.230	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	9.276	67	443489	24.596	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	10.325	98	1233239	23.204	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	10.575	79	173293	24.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.960%
47) 2-Hexanone-d5	10.922	63	177655	64.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	402105	29.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	404138	23.210	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	240715	17.983	ug/L	# 89
3) Chloromethane	2.228	50	370131	20.485	ug/L	99
5) Vinyl chloride	2.381	62	395847	20.066	ug/L	99
6) Bromomethane	2.783	94	245951	18.924	ug/L	100
8) Chloroethane	2.930	64	246728	20.608	ug/L	99
9) Trichlorofluoromethane	3.271	101	284133	17.138	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	292079	17.509	ug/L	98
12) 1,1-Dichloroethene	4.045	96	299233	18.776	ug/L	86
13) Acetone	4.125	43	199137	48.164	ug/L	98
14) Carbon disulfide	4.393	76	921634	17.230	ug/L	99
15) Methyl Acetate	4.673	43	164926	23.799	ug/L	96
16) Methylene chloride	4.923	84	395679	19.621	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	323800	18.883	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	454296	21.171	ug/L	99
19) 1,1-Dichloroethane	6.222	63	646914	20.230	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	361711	19.789	ug/L	95
22) 2-Butanone	7.173	43	254159	49.704	ug/L	98
23) Bromochloromethane	7.514	128	168879	20.248	ug/L	99
25) Chloroform	7.673	83	629186	20.173	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	405950	21.247	ug/L	100
29) Cyclohexane	7.959	56	527122	20.161	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	488483	19.996	ug/L	98
31) Carbon tetrachloride	8.069	117	444401	19.260	ug/L	100
33) Benzene	8.325	78	1441256	20.750	ug/L	100
34) Trichloroethene	9.093	95	352907	19.456	ug/L	94
35) Methylcyclohexane	9.337	83	586054	19.210	ug/L	97
37) 1,2-Dichloropropane	9.367	63	387365	21.644	ug/L	98
38) Bromodichloromethane	9.642	83	458322	21.322	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	562903	21.346	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	466592	53.738	ug/L	99
42) Toluene	10.386	91	1497967	21.000	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	475853	22.018	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	301338	23.266	ug/L	95
46) Tetrachloroethene	10.861	164	270782	18.991	ug/L	96
48) 2-Hexanone	10.965	43	362296	53.225	ug/L	100
49) Dibromochloromethane	11.129	129	305054	21.717	ug/L	95
50) 1,2-Dibromoethane	11.233	107	277190	23.064	ug/L	98
51) Chlorobenzene	11.654	112	956136	20.199	ug/L	99
52) Ethylbenzene	11.727	91	1648653	20.574	ug/L	100
53) m,p-Xylene	11.837	106	632399	20.581	ug/L	92
54) o-Xylene	12.166	106	591764	20.616	ug/L	98
55) Styrene	12.178	104	1059058	21.434	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	379176	24.407	ug/L	99
59) Bromoform	12.349	173	185045	22.565	ug/L	99
60) Isopropylbenzene	12.458	105	1587200	20.755	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	258983	24.358	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1246330	20.787	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	1241268	21.126	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	689051	19.523	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	669890	18.891	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	629117	20.336	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	53591	23.531	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	419147	18.442	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	322254	17.972	ug/L	96
71) Naphthalene	15.360	128	636646	20.124	ug/L	99
72) 1,2,3-Trichlorobenzene	15.555	180	297090	18.665	ug/L	99

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

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