

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026690.D
 Acq On : 10 Aug 2023 20:32
 Operator : SY/MD
 Sample : 03967-02MS
 Misc : 5.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48K2MS

Quant Time: Aug 11 02:04:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:00:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	651262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	525497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	163590	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	272998	25.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.000%	
7) Chloroethane-d5	2.893	69	212185	26.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.600%	
11) 1,1-Dichloroethene-d2	4.021	65	131308	24.937	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 99.760%	
21) 2-Butanone-d5	7.075	46	122571	39.833	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 79.660%	
24) Chloroform-d	7.648	84	589435	26.966	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.880%	
26) 1,2-Dichloroethane-d4	8.307	65	336525	27.898	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 111.600%	
32) Benzene-d6	8.270	84	1185777	32.741	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 130.960%	
36) 1,2-Dichloropropane-d6	9.276	67	371418	32.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 131.680%#	
41) Toluene-d8	10.318	98	960614	30.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 123.600%	
43) trans-1,3-Dichloroprop...	10.575	79	109707	23.553	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.200%	
47) 2-Hexanone-d5	10.922	63	56584	47.734	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.460%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	248025	27.840	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.360%	
66) 1,2-Dichlorobenzene-d4	13.848	152	151521	25.878	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	195927	22.127	ug/L	96
3) Chloromethane	2.228	50	263088	21.729	ug/L	96
5) Vinyl chloride	2.375	62	265081	22.902	ug/L	97
6) Bromomethane	2.783	94	103706	15.378	ug/L	99
8) Chloroethane	2.930	64	155734	22.455	ug/L	99
9) Trichlorofluoromethane	3.259	101	214653	22.597	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	207090	20.183	ug/L	99
12) 1,1-Dichloroethene	4.045	96	212170	22.041	ug/L	88
13) Acetone	4.118	43	99658	32.573	ug/L	97
14) Carbon disulfide	4.393	76	572383	16.528	ug/L	99
15) Methyl Acetate	4.673	43	100324	16.370	ug/L	99
16) Methylene chloride	4.917	84	241692	19.185	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	233908	21.775	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	416455	25.623	ug/L	99
19) 1,1-Dichloroethane	6.216	63	512860	23.198	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	258093	22.354	ug/L	97
22) 2-Butanone	7.173	43	204065	45.258	ug/L	95
23) Bromochloromethane	7.514	128	116393	23.337	ug/L	97
25) Chloroform	7.673	83	476246	22.298	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	347349	23.312	ug/L	99
29) Cyclohexane	7.953	56	330807	20.356	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	362387	26.423	ug/L	99
31) Carbon tetrachloride	8.069	117	306358	24.431	ug/L	95
33) Benzene	8.325	78	1042965	27.254	ug/L	100
34) Trichloroethene	9.093	95	240672	24.693	ug/L	96
35) Methylcyclohexane	9.331	83	229916	13.789	ug/L	100
37) 1,2-Dichloropropane	9.367	63	284741	27.165	ug/L	99
38) Bromodichloromethane	9.642	83	318466	25.899	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	289654	19.209	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	399860	58.646	ug/L	99
42) Toluene	10.386	91	1000724	25.851	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	256829	19.788	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	193867	27.043	ug/L	98
46) Tetrachloroethene	10.855	164	141300	19.955	ug/L	98
48) 2-Hexanone	10.965	43	253467	54.633	ug/L	95
49) Dibromochloromethane	11.123	129	183253	24.441	ug/L	97
50) 1,2-Dibromoethane	11.233	107	159105	23.654	ug/L	99
51) Chlorobenzene	11.654	112	524462	21.448	ug/L	99
52) Ethylbenzene	11.727	91	938355	21.615	ug/L	99
53) m,p-Xylene	11.836	106	339452	21.107	ug/L	93
54) o-Xylene	12.166	106	317210	21.134	ug/L	99
55) Styrene	12.178	104	458971	17.586	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	208249	22.938	ug/L	98
59) Bromoform	12.349	173	91745	35.801	ug/L	97
60) Isopropylbenzene	12.458	105	723205	29.735	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	169927	42.822	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	493461	25.669	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	475538	25.243	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	235745	22.287	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	242440	21.963	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	207661	21.589	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	30188	31.556	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	73800	10.327	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	51503	8.500	ug/L	94
71) Naphthalene	15.360	128	131715	11.396	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	41510	7.596	ug/L	99

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

