

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026685.D
 Acq On : 10 Aug 2023 18:31
 Operator : SY/MD
 Sample : 03968-02MS
 Misc : 4.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48H4MS

Quant Time: Aug 11 02:02:28 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	8.837	114	663964	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	608125	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	268419	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	265894	24.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	2.893	69	206605	25.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.840%
11) 1,1-Dichloroethene-d2	4.033	65	127342	23.721	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.880%
21) 2-Butanone-d5	7.075	46	145658	46.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.860%
24) Chloroform-d	7.648	84	589465	26.452	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	8.306	65	343892	27.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.840%
32) Benzene-d6	8.276	84	1189926	28.391	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.560%
36) 1,2-Dichloropropane-d6	9.276	67	375681	28.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.120%
41) Toluene-d8	10.324	98	1010783	28.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.400%
43) trans-1,3-Dichloroprop...	10.574	79	131346	24.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.480%
47) 2-Hexanone-d5	10.922	63	62829	45.801	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	306935	29.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.080%
66) 1,2-Dichlorobenzene-d4	13.854	152	246905	25.700	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	189181	20.956	ug/L	95
3) Chloromethane	2.228	50	271206	21.971	ug/L	100
5) Vinyl chloride	2.375	62	262414	22.238	ug/L	98
6) Bromomethane	2.783	94	121727	17.705	ug/L	98
8) Chloroethane	2.929	64	153164	21.662	ug/L	98
9) Trichlorofluoromethane	3.265	101	203522	21.016	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	201210	19.235	ug/L	97
12) 1,1-Dichloroethene	4.045	96	213002	21.704	ug/L	82
13) Acetone	4.124	43	105916	33.956	ug/L	98
14) Carbon disulfide	4.392	76	697095	19.744	ug/L	99
15) Methyl Acetate	4.667	43	120640	19.308	ug/L	99
16) Methylene chloride	4.929	84	245179	19.089	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	239594	21.878	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	418974	25.285	ug/L	99
19) 1,1-Dichloroethane	6.215	63	511479	22.693	ug/L	100
20) cis-1,2-Dichloroethene	7.166	96	258372	21.950	ug/L	99
22) 2-Butanone	7.172	43	202193	43.985	ug/L	98
23) Bromochloromethane	7.514	128	119307	23.464	ug/L	96
25) Chloroform	7.672	83	484517	22.251	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	359602	23.672	ug/L	100
29) Cyclohexane	7.953	56	382165	20.321	ug/L	100
30) 1,1,1-Trichloroethane	7.867	97	363966	22.933	ug/L	99
31) Carbon tetrachloride	8.069	117	327001	22.534	ug/L	97
33) Benzene	8.325	78	1049600	23.701	ug/L	100
34) Trichloroethene	9.093	95	250566	22.215	ug/L	97
35) Methylcyclohexane	9.337	83	325159	16.852	ug/L	99
37) 1,2-Dichloropropane	9.367	63	289980	23.906	ug/L	100
38) Bromodichloromethane	9.648	83	342528	24.071	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	350660	20.095	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	389725	49.393	ug/L	99
42) Toluene	10.385	91	1031804	23.032	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	318430	21.201	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	209118	25.207	ug/L	97
46) Tetrachloroethene	10.861	164	159207	19.429	ug/L	92
48) 2-Hexanone	10.964	43	229116	42.675	ug/L	99
49) Dibromochloromethane	11.123	129	213208	24.573	ug/L	92
50) 1,2-Dibromoethane	11.233	107	188488	24.215	ug/L	95
51) Chlorobenzene	11.653	112	601740	21.265	ug/L	98
52) Ethylbenzene	11.727	91	1076510	21.428	ug/L	99
53) m,p-Xylene	11.836	106	396679	21.314	ug/L	88
54) o-Xylene	12.165	106	375242	21.603	ug/L	100
55) Styrene	12.178	104	604893	20.029	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	258384	24.593	ug/L	100
59) Bromoform	12.348	173	121134	28.809	ug/L	96
60) Isopropylbenzene	12.458	105	946527	23.718	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	198688	30.516	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	720927	22.855	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	711690	23.025	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	355186	20.465	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	363726	20.082	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	338219	21.430	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	42499	27.075	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	165561	14.120	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	121107	12.182	ug/L	95
71) Naphthalene	15.360	128	338886	17.870	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	111074	12.387	ug/L	98

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

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