

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060723\
 Data File : VW026126.D
 Acq On : 07 Jun 2023 16:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025509

Quant Time: Jun 08 00:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 08 00:20:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	735470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	661880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	329039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	262654	25.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.560%
7) Chloroethane-d5	2.893	69	218165	28.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.680%
11) 1,1-Dichloroethene-d2	4.021	65	132002	25.874	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.480%
21) 2-Butanone-d5	7.075	46	154687	51.353	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.700%
24) Chloroform-d	7.648	84	544068	25.262	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.040%
26) 1,2-Dichloroethane-d4	8.300	65	289250	24.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.270	84	1107134	24.859	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.440%
36) 1,2-Dichloropropane-d6	9.270	67	346576	24.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	10.325	98	968075	24.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.040%
43) trans-1,3-Dichloroprop...	10.574	79	129461	23.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.600%
47) 2-Hexanone-d5	10.922	63	109383	49.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244800	23.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	289357	22.975	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	218203	24.202	ug/L	98
3) Chloromethane	2.222	50	296188	25.621	ug/L	98
5) Vinyl chloride	2.369	62	324756	26.281	ug/L	98
6) Bromomethane	2.789	94	174312	25.876	ug/L	100
8) Chloroethane	2.936	64	186147	27.876	ug/L	98
9) Trichlorofluoromethane	3.265	101	214494	26.981	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	255328	25.453	ug/L #	71
12) 1,1-Dichloroethene	4.039	96	237765	25.391	ug/L	91
13) Acetone	4.118	43	149502	64.142	ug/L	100
14) Carbon disulfide	4.387	76	808092	24.446	ug/L	99
15) Methyl Acetate	4.667	43	127113	24.299	ug/L	100
16) Methylene chloride	4.911	84	268176	22.846	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	255748	24.342	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	376194	22.719	ug/L	99
19) 1,1-Dichloroethane	6.215	63	528070	24.689	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	272747	24.508	ug/L	97
22) 2-Butanone	7.160	43	190052	57.162	ug/L	97
23) Bromochloromethane	7.514	128	112290	23.659	ug/L	92
25) Chloroform	7.673	83	487822	24.487	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	330973	24.088	ug/L	99
29) Cyclohexane	7.953	56	502538	24.593	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	384879	23.962	ug/L	98
31) Carbon tetrachloride	8.069	117	353439	24.114	ug/L	99
33) Benzene	8.319	78	1101050	24.284	ug/L	100
34) Trichloroethene	9.087	95	281508	24.247	ug/L	95
35) Methylcyclohexane	9.331	83	511748	24.910	ug/L	100
37) 1,2-Dichloropropane	9.367	63	299759	24.409	ug/L	99
38) Bromodichloromethane	9.642	83	335401	23.508	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	437357	24.234	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	354435	48.953	ug/L	100
42) Toluene	10.385	91	1130507	24.377	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	364025	24.212	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	191358	23.643	ug/L	99
46) Tetrachloroethene	10.861	164	201481	24.535	ug/L	94
48) 2-Hexanone	10.965	43	268711	52.635	ug/L	99
49) Dibromochloromethane	11.123	129	197864	23.317	ug/L	97
50) 1,2-Dibromoethane	11.233	107	177156	23.639	ug/L	98
51) Chlorobenzene	11.654	112	696246	23.958	ug/L	98
52) Ethylbenzene	11.727	91	1276343	24.398	ug/L	99
53) m,p-Xylene	11.836	106	475824	24.449	ug/L	93
54) o-Xylene	12.160	106	452234	24.620	ug/L	96
55) Styrene	12.178	104	774735	24.585	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	226427	23.116	ug/L	98
59) Bromoform	12.349	173	106893	21.629	ug/L	100
60) Isopropylbenzene	12.458	105	1210182	23.412	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	163329	22.160	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	991879	24.139	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	852132	22.642	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	507853	23.367	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	498986	22.805	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	456516	23.391	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	35985	21.073	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	321353	21.525	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	272757	22.141	ug/L	97
71) Naphthalene	15.360	128	488645	22.256	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	241895	22.468	ug/L	97

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

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