

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061722\
 Data File : VW023495.D
 Acq On : 17 Jun 2022 16:12
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025575

Quant Time: Jun 17 23:31:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 17 23:30:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	350046	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	336316	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	192882	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	115974	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
7) Chloroethane-d5	2.879	69	91310	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.36%
11) 1,1-Dichloroethene-d2	4.025	63	146624	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.56%
21) 2-Butanone-d5	7.080	46	63140	55.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.22%
24) Chloroform-d	7.647	84	220099	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.305	65	116238	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	8.275	84	382136	21.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.72%
36) 1,2-Dichloropropane-d6	9.274	67	119717	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.16%
41) Toluene-d8	10.323	98	373912	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.88%
43) trans-1,3-Dichloroprop...	10.579	79	54034	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.12%
47) 2-Hexanone-d5	10.927	63	50028	59.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.18%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	126957	25.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.48%
66) 1,2-Dichlorobenzene-d4	13.853	152	148428	21.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.28%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	58324	45.70	ug/L	98
3) Chloromethane	2.215	50	115881	27.45	ug/L	98
5) Vinyl chloride	2.361	62	160698	24.42	ug/L	96
6) Bromomethane	2.769	94	84683	22.74	ug/L	96
8) Chloroethane	2.916	64	86145	24.71	ug/L	98
9) Trichlorofluoromethane	3.251	101	54226	18.27	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	103138	24.11	ug/L	98
12) 1,1-Dichloroethene	4.038	96	84310	22.12	ug/L	93
13) Acetone	4.123	43	36506	44.63	ug/L	100
14) Carbon disulfide	4.385	76	235764	20.11	ug/L	99
15) Methyl Acetate	4.672	43	45692	25.02	ug/L	98
16) Methylene chloride	4.922	84	107157	22.62	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	100355	22.24	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	168743	24.84	ug/L	98
19) 1,1-Dichloroethane	6.220	63	187354	23.18	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	116819	23.67	ug/L #	98
22) 2-Butanone	7.171	43	64092	51.19	ug/L	100
23) Bromochloromethane	7.519	128	55876	24.58	ug/L	88
25) Chloroform	7.677	83	216751	23.76	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	144432	23.94	ug/L	98
29) Cyclohexane	7.952	56	144511	21.33	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	174822	22.46	ug/L	99
31) Carbon tetrachloride	8.067	117	158918	22.16	ug/L	100
33) Benzene	8.323	78	450077	23.17	ug/L	100
34) Trichloroethene	9.092	95	117120	22.49	ug/L	99
35) Methylcyclohexane	9.335	83	180834	21.45	ug/L	97
37) 1,2-Dichloropropane	9.366	63	112238	23.64	ug/L	99
38) Bromodichloromethane	9.646	83	161692	24.21	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	171395	23.56	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	149739	55.30	ug/L	99
42) Toluene	10.384	91	512863	23.63	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	156476	23.83	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	94039	24.11	ug/L	98
46) Tetrachloroethene	10.860	164	87853	21.85	ug/L	91
48) 2-Hexanone	10.969	43	108013	59.02	ug/L	95
49) Dibromochloromethane	11.128	129	117135	25.65	ug/L	99
50) 1,2-Dibromoethane	11.238	107	90534	24.83	ug/L	99
51) Chlorobenzene	11.658	112	333643	22.78	ug/L	97
52) Ethylbenzene	11.731	91	568840	23.06	ug/L	99
53) m,p-Xylene	11.835	106	225950	23.53	ug/L	99
54) o-Xylene	12.164	106	220363	24.02	ug/L	94
55) Styrene	12.182	104	390169	24.46	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	123347	26.04	ug/L	98
59) Bromoform	12.347	173	65280	23.81	ug/L	100
60) Isopropylbenzene	12.463	105	587517	21.28	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84430	23.00	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	508344	22.51	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	510231	22.58	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	274469	22.41	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	277591	22.20	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	260504	23.22	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	20328	25.08	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	182997	22.87	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	149174	23.94	ug/L	99
71) Naphthalene	15.359	128	323365	26.38	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	135835	25.07	ug/L	98

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

