

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023284.D
 Acq On : 24 May 2022 20:01
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025549

Quant Time: May 25 00:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 25 00:48:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	302618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	308101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	178971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	116450	18.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.040%
7) Chloroethane-d5	2.885	69	93043	23.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	4.019	63	164586	20.516	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.080%
21) 2-Butanone-d5	7.080	46	58906	49.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.800%
24) Chloroform-d	7.653	84	222166	25.058	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	8.305	65	121084	24.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	8.275	84	419580	23.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	9.274	67	121759	24.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.640%
41) Toluene-d8	10.323	98	410664	23.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.760%
43) trans-1,3-Dichloroprop...	10.579	79	53293	23.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.800%
47) 2-Hexanone-d5	10.920	63	47407	49.782	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122503	26.347	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	155116	24.794	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	44052	26.703	ug/L	100
3) Chloromethane	2.215	50	107780	33.810	ug/L	97
5) Vinyl chloride	2.361	62	145545	22.750	ug/L	99
6) Bromomethane	2.776	94	85943	20.923	ug/L	97
8) Chloroethane	2.922	64	83323	27.003	ug/L	98
9) Trichlorofluoromethane	3.251	101	56138	19.199	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	103162	23.595	ug/L	98
12) 1,1-Dichloroethene	4.037	96	90791	23.425	ug/L	97
13) Acetone	4.123	43	36260	41.027	ug/L	99
14) Carbon disulfide	4.385	76	253457	23.853	ug/L	99
15) Methyl Acetate	4.678	43	47155	26.558	ug/L	94
16) Methylene chloride	4.922	84	114320	25.817	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	110737	25.389	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	186381	27.992	ug/L	100
19) 1,1-Dichloroethane	6.214	63	197931	26.775	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	128117	27.347	ug/L #	98
22) 2-Butanone	7.171	43	60762	49.161	ug/L	99
23) Bromochloromethane	7.512	128	61097	27.847	ug/L	91
25) Chloroform	7.677	83	224423	27.455	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	148806	27.310	ug/L	97
29) Cyclohexane	7.958	56	160732	24.122	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	188109	25.836	ug/L	99
31) Carbon tetrachloride	8.073	117	169127	24.832	ug/L	100
33) Benzene	8.323	78	469306	25.857	ug/L	100
34) Trichloroethene	9.091	95	125671	25.177	ug/L	94
35) Methylcyclohexane	9.335	83	196738	23.992	ug/L	98
37) 1,2-Dichloropropane	9.366	63	115087	26.202	ug/L	99
38) Bromodichloromethane	9.646	83	168438	26.999	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	180556	26.511	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	142845	51.597	ug/L	100
42) Toluene	10.384	91	552650	27.169	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	160780	26.449	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	98572	26.845	ug/L	98
46) Tetrachloroethene	10.866	164	99742	26.589	ug/L	78
48) 2-Hexanone	10.969	43	96305	52.063	ug/L	99
49) Dibromochloromethane	11.128	129	118100	26.724	ug/L	97
50) 1,2-Dibromoethane	11.231	107	99637	27.024	ug/L	96
51) Chlorobenzene	11.658	112	366169	27.306	ug/L	96
52) Ethylbenzene	11.725	91	609793	26.946	ug/L	100
53) m,p-Xylene	11.835	106	246286	27.621	ug/L	99
54) o-Xylene	12.164	106	237925	27.806	ug/L	97
55) Styrene	12.176	104	411145	28.278	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	125784	27.427	ug/L	96
59) Bromoform	12.347	173	66443	26.196	ug/L	97
60) Isopropylbenzene	12.463	105	630644	25.721	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88757	24.820	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	353253	25.897	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	540373	26.383	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	282617	25.818	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	287595	25.435	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	269923	26.946	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19065	24.394	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	186021	25.601	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	161713	27.667	ug/L	99
71) Naphthalene	15.365	128	360830	28.403	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	147898	28.549	ug/L	99

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

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