

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023234.D
 Acq On : 21 May 2022 06:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025545

Quant Time: May 21 06:32:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 21 01:30:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	283259	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	165725	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	119963	20.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
7) Chloroethane-d5	2.879	69	81287	21.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	4.019	63	151950	20.235	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.960%
21) 2-Butanone-d5	7.080	46	52749	47.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.480%
24) Chloroform-d	7.647	84	205497	24.762	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.040%
26) 1,2-Dichloroethane-d4	8.305	65	115185	25.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.240%
32) Benzene-d6	8.275	84	391241	22.884	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.520%
36) 1,2-Dichloropropane-d6	9.274	67	115246	23.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.000%
41) Toluene-d8	10.323	98	381970	23.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.520%
43) trans-1,3-Dichloroprop...	10.579	79	49850	22.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.160%
47) 2-Hexanone-d5	10.920	63	41952	45.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.520%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111851	24.988	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	140984	24.336	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	38936	25.215	ug/L	92
3) Chloromethane	2.215	50	103049	34.535	ug/L	96
5) Vinyl chloride	2.361	62	142258	23.756	ug/L	99
6) Bromomethane	2.776	94	75608	19.665	ug/L	95
8) Chloroethane	2.922	64	68752	23.804	ug/L	96
9) Trichlorofluoromethane	3.257	101	53652	19.602	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	90709	22.164	ug/L	94
12) 1,1-Dichloroethene	4.044	96	82943	22.862	ug/L	89
13) Acetone	4.129	43	33726	40.768	ug/L	100
14) Carbon disulfide	4.385	76	229746	23.099	ug/L	98
15) Methyl Acetate	4.678	43	43450	26.144	ug/L	97
16) Methylene chloride	4.915	84	109611	26.445	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	98968	24.241	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	168805	27.085	ug/L #	90
19) 1,1-Dichloroethane	6.214	63	177546	25.659	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	110848	25.278	ug/L #	98
22) 2-Butanone	7.171	43	55989	48.395	ug/L	98
23) Bromochloromethane	7.519	128	53597	26.098	ug/L	94
25) Chloroform	7.677	83	199475	26.071	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	136748	26.812	ug/L	97
29) Cyclohexane	7.957	56	146961	22.910	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	166193	23.710	ug/L	100
31) Carbon tetrachloride	8.073	117	150592	22.967	ug/L	99
33) Benzene	8.323	78	432779	24.768	ug/L	100
34) Trichloroethene	9.091	95	114085	23.741	ug/L	97
35) Methylcyclohexane	9.335	83	181569	23.000	ug/L	99
37) 1,2-Dichloropropane	9.366	63	104931	24.815	ug/L	99
38) Bromodichloromethane	9.646	83	147288	24.523	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	157982	24.095	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	129671	48.653	ug/L	99
42) Toluene	10.384	91	497675	25.414	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	146176	24.978	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	89812	25.407	ug/L	97
46) Tetrachloroethene	10.866	164	85114	23.569	ug/L	82
48) 2-Hexanone	10.969	43	86357	48.494	ug/L	98
49) Dibromochloromethane	11.128	129	107120	25.178	ug/L	100
50) 1,2-Dibromoethane	11.231	107	88773	25.010	ug/L	99
51) Chlorobenzene	11.658	112	325302	25.198	ug/L	98
52) Ethylbenzene	11.731	91	549764	25.235	ug/L	99
53) m,p-Xylene	11.835	106	214483	24.986	ug/L	93
54) o-Xylene	12.164	106	209250	25.402	ug/L	98
55) Styrene	12.176	104	365647	26.123	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	113752	25.764	ug/L	93
59) Bromoform	12.347	173	56387	24.009	ug/L	97
60) Isopropylbenzene	12.463	105	562585	24.780	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81779	24.697	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	309137	24.475	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	476888	25.145	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	254152	25.073	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	254054	24.265	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	234808	25.314	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	16786	23.195	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	169802	25.236	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	135766	25.084	ug/L	97
71) Naphthalene	15.359	128	305351	25.957	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	125053	26.069	ug/L	98

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

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