

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052722\
 Data File : VW023362.D
 Acq On : 27 May 2022 10:43
 Operator : SY/VA
 Sample : N2996-11MS
 Misc : 3.84g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT3MS

Quant Time: May 27 22:03:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 27 22:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	414413	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	418557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	240992	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	152852	17.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.920%
7) Chloroethane-d5	2.885	69	114331	20.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	4.019	63	217283	19.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.120%
21) 2-Butanone-d5	7.074	46	77944	48.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.440%
24) Chloroform-d	7.647	84	293582	24.180	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	8.305	65	155435	23.342	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.360%
32) Benzene-d6	8.275	84	546075	22.635	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.520%
36) 1,2-Dichloropropane-d6	9.274	67	162350	23.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	10.323	98	528696	22.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.760%
43) trans-1,3-Dichloroprop...	10.579	79	74907	24.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.040%
47) 2-Hexanone-d5	10.920	63	71364	55.163	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	168094	26.612	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	213794	25.378	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	54583	24.161	ug/L	92
3) Chloromethane	2.215	50	115144	26.376	ug/L	99
5) Vinyl chloride	2.361	62	211131	24.099	ug/L	98
6) Bromomethane	2.776	94	93166	16.563	ug/L	95
8) Chloroethane	2.922	64	94347	22.327	ug/L	95
9) Trichlorofluoromethane	3.257	101	73514	18.359	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	133828	22.351	ug/L	96
12) 1,1-Dichloroethene	4.044	96	116624	21.972	ug/L	89
13) Acetone	4.123	43	49198	40.650	ug/L	98
14) Carbon disulfide	4.385	76	298800	20.534	ug/L	98
15) Methyl Acetate	4.665	43	50647	20.830	ug/L	100
16) Methylene chloride	4.915	84	131485	21.683	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	134499	22.518	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	228165	25.023	ug/L	99
19) 1,1-Dichloroethane	6.214	63	240530	23.760	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	306432	47.764	ug/L #	100
22) 2-Butanone	7.171	43	69447	41.030	ug/L	93
23) Bromochloromethane	7.513	128	71538	23.810	ug/L	98
25) Chloroform	7.677	83	271102	24.219	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	176256	23.621	ug/L	98
29) Cyclohexane	7.951	56	204117	22.549	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	235109	23.769	ug/L	99
31) Carbon tetrachloride	8.067	117	216079	23.353	ug/L	100
33) Benzene	8.323	78	572354	23.212	ug/L	100
34) Trichloroethene	9.092	95	225618	33.272	ug/L	98
35) Methylcyclohexane	9.335	83	251027	22.534	ug/L	98
37) 1,2-Dichloropropane	9.366	63	140909	23.615	ug/L	99
38) Bromodichloromethane	9.646	83	199585	23.549	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	226734	24.506	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	174192	46.316	ug/L	98
42) Toluene	10.384	91	677192	24.506	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	207292	25.101	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	117804	23.617	ug/L	99
46) Tetrachloroethene	10.860	164	126976	24.917	ug/L	91
48) 2-Hexanone	10.969	43	122369	48.696	ug/L	99
49) Dibromochloromethane	11.128	129	146265	24.363	ug/L	97
50) 1,2-Dibromoethane	11.231	107	115128	22.985	ug/L	98
51) Chlorobenzene	11.658	112	443971	24.370	ug/L	100
52) Ethylbenzene	11.731	91	747314	24.309	ug/L	99
53) m,p-Xylene	11.835	106	298987	24.682	ug/L	93
54) o-Xylene	12.164	106	291551	25.081	ug/L	93
55) Styrene	12.176	104	493267	24.973	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	147912	23.740	ug/L	99
59) Bromoform	12.347	173	80118	23.459	ug/L	99
60) Isopropylbenzene	12.463	105	787577	23.855	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	104373	21.675	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	435796	23.726	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	666088	24.152	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	362373	24.584	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	362013	23.777	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	330041	24.469	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	23407	22.242	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	251686	25.723	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	204385	25.968	ug/L	97
71) Naphthalene	15.359	128	418546	24.467	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	181828	26.066	ug/L	98

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

