

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023372.D
 Acq On : 02 Jun 2022 13:41
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV412

Quant Time: Jun 02 21:49:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:45:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	402814	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	368093	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	196264	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	143515	24.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.360%
7) Chloroethane-d5	2.885	69	103087	24.891	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.560%
11) 1,1-Dichloroethene-d2	4.025	63	207279	22.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.560%
21) 2-Butanone-d5	7.080	46	61359	50.044	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.080%
24) Chloroform-d	7.647	84	246300	23.220	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.880%
26) 1,2-Dichloroethane-d4	8.305	65	134589	24.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.275	84	481300	24.335	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.360%
36) 1,2-Dichloropropane-d6	9.275	67	137357	24.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.323	98	462300	24.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	10.579	79	62601	24.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.120%
47) 2-Hexanone-d5	10.927	63	46504	51.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.320%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	129326	25.913	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	172213	24.824	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	45671	27.002	ug/L	98
3) Chloromethane	2.215	50	124387	25.006	ug/L	97
5) Vinyl chloride	2.361	62	182766	23.604	ug/L	99
6) Bromomethane	2.782	94	96196	25.449	ug/L	96
8) Chloroethane	2.922	64	89243	25.041	ug/L	92
9) Trichlorofluoromethane	3.257	101	76894	20.851	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	118628	22.173	ug/L	99
12) 1,1-Dichloroethene	4.044	96	108693	23.545	ug/L	99
13) Acetone	4.123	43	40904	45.863	ug/L	98
14) Carbon disulfide	4.385	76	351691	22.808	ug/L	100
15) Methyl Acetate	4.672	43	49888	24.862	ug/L	97
16) Methylene chloride	4.916	84	122799	21.282	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	126737	23.532	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	195619	24.673	ug/L	99
19) 1,1-Dichloroethane	6.220	63	211141	23.144	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	133461	23.598	ug/L	93
22) 2-Butanone	7.171	43	63922	47.171	ug/L	98
23) Bromochloromethane	7.519	128	63032	23.488	ug/L	95
25) Chloroform	7.677	83	234186	23.454	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	155491	24.187	ug/L	98
29) Cyclohexane	7.958	56	194459	24.659	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	205803	24.159	ug/L	100
31) Carbon tetrachloride	8.074	117	188882	23.575	ug/L	98
33) Benzene	8.323	78	515802	24.462	ug/L	100
34) Trichloroethene	9.092	95	135677	23.758	ug/L	97
35) Methylcyclohexane	9.335	83	233506	24.682	ug/L	99
37) 1,2-Dichloropropane	9.372	63	120602	24.278	ug/L	99
38) Bromodichloromethane	9.646	83	170969	24.314	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	194389	24.913	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	146544	52.053	ug/L	99
42) Toluene	10.384	91	576721	24.620	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	174800	25.036	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	102043	25.090	ug/L	96
46) Tetrachloroethene	10.860	164	110633	24.194	ug/L	91
48) 2-Hexanone	10.969	43	100361	53.336	ug/L	98
49) Dibromochloromethane	11.128	129	124039	24.853	ug/L	98
50) 1,2-Dibromoethane	11.231	107	101661	25.641	ug/L	94
51) Chlorobenzene	11.658	112	374440	24.209	ug/L	98
52) Ethylbenzene	11.731	91	638718	24.830	ug/L	99
53) m,p-Xylene	11.835	106	254499	24.984	ug/L	93
54) o-Xylene	12.164	106	245203	25.160	ug/L	97
55) Styrene	12.183	104	413161	24.875	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	125837	26.196	ug/L	95
59) Bromoform	12.347	173	70401	24.435	ug/L	99
60) Isopropylbenzene	12.463	105	650698	24.174	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88760	25.160	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	548401	24.866	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	420856	24.580	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	298268	24.374	ug/L	99
65) 1,4-Dichlorobenzene	13.573	146	303433	24.256	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	270315	24.438	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18992	24.169	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	200143	24.765	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	163167	25.411	ug/L	98
71) Naphthalene	15.359	128	330279	27.320	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	143001	25.729	ug/L	98

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

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