

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025248.D
 Acq On : 30 Jan 2023 13:24
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV410

Quant Time: Jan 31 01:35:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 01:26:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	426955	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	364034	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	153539	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	115502	24.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.920%
7) Chloroethane-d5	2.885	69	79199	25.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.360%
11) 1,1-Dichloroethene-d2	4.019	63	279881	25.006	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.040%
21) 2-Butanone-d5	7.074	46	54444	41.832	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.660%
24) Chloroform-d	7.647	84	264806	23.377	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.520%
26) 1,2-Dichloroethane-d4	8.305	65	134639	22.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.760%
32) Benzene-d6	8.275	84	537272	24.888	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.560%
36) 1,2-Dichloropropane-d6	9.274	67	151069	24.179	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.323	98	490507	24.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.480%
43) trans-1,3-Dichloroprop...	10.579	79	64525	23.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.800%
47) 2-Hexanone-d5	10.920	63	46000	46.129	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	107401	22.315	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	128796	23.475	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	90468	32.143	ug/L	98
3) Chloromethane	2.215	50	128181	25.825	ug/L	100
5) Vinyl chloride	2.361	62	160816	25.717	ug/L	98
6) Bromomethane	2.782	94	81769	25.039	ug/L	93
8) Chloroethane	2.922	64	74926	26.652	ug/L	96
9) Trichlorofluoromethane	3.257	101	131520	27.612	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	159424	25.074	ug/L	99
12) 1,1-Dichloroethene	4.038	96	149824	25.136	ug/L	97
13) Acetone	4.117	43	78190	55.623	ug/L	97
14) Carbon disulfide	4.379	76	499460	25.408	ug/L	100
15) Methyl Acetate	4.665	43	50956	21.891	ug/L	98
16) Methylene chloride	4.915	84	159716	23.587	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	153019	24.628	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	212449	23.706	ug/L	100
19) 1,1-Dichloroethane	6.214	63	271278	24.518	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	161961	24.934	ug/L	98
22) 2-Butanone	7.171	43	83144	48.486	ug/L	99
23) Bromochloromethane	7.513	128	66624	23.837	ug/L	95
25) Chloroform	7.671	83	276384	24.461	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	176920	23.565	ug/L	98
29) Cyclohexane	7.958	56	265494	26.600	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	244429	25.860	ug/L	99
31) Carbon tetrachloride	8.067	117	229437	25.807	ug/L	98
33) Benzene	8.323	78	614216	25.710	ug/L	100
34) Trichloroethene	9.091	95	167425	25.726	ug/L	95
35) Methylcyclohexane	9.335	83	305001	26.964	ug/L	97
37) 1,2-Dichloropropane	9.366	63	145779	25.301	ug/L	100
38) Bromodichloromethane	9.640	83	190252	24.661	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	241386	25.477	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	145176	48.202	ug/L	99
42) Toluene	10.384	91	652024	25.825	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	199398	25.075	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	103632	23.916	ug/L	98
46) Tetrachloroethene	10.859	164	124789	26.026	ug/L	99
48) 2-Hexanone	10.969	43	113201	49.573	ug/L	97
49) Dibromochloromethane	11.128	129	121986	24.714	ug/L	99
50) 1,2-Dibromoethane	11.237	107	99444	23.825	ug/L	94
51) Chlorobenzene	11.658	112	410848	25.418	ug/L	98
52) Ethylbenzene	11.731	91	761948	25.998	ug/L	100
53) m,p-Xylene	11.835	106	292886	26.296	ug/L	97
54) o-Xylene	12.164	106	270838	25.902	ug/L	97
55) Styrene	12.176	104	457566	25.988	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	116906	23.362	ug/L	100
59) Bromoform	12.347	173	66562	26.228	ug/L	99
60) Isopropylbenzene	12.463	105	774377	28.793	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	86123	25.484	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	654425	30.793	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	624605	30.035	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	275478	25.471	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	264910	24.652	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	240134	26.454	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19615	24.693	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	215306	30.171	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	182227	31.863	ug/L	98
71) Naphthalene	15.359	128	349422	30.260	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	155309	30.058	ug/L	95

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

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