

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025721.D
 Acq On : 27 Apr 2023 12:58
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV450

Quant Time: Apr 28 02:59:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	681821	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	611021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296014	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	199418	23.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.920%
7) Chloroethane-d5	2.893	69	145433	24.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.560%
11) 1,1-Dichloroethene-d2	4.027	63	444797	23.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.075	46	155477	56.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.300%
24) Chloroform-d	7.648	84	476212	26.036	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.160%
26) 1,2-Dichloroethane-d4	8.301	65	265723	26.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	8.276	84	964732	26.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.040%
36) 1,2-Dichloropropane-d6	9.276	67	312084	26.009	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.040%
41) Toluene-d8	10.319	98	866517	26.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.680%
43) trans-1,3-Dichloroprop...	10.575	79	124603	26.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.600%
47) 2-Hexanone-d5	10.922	63	113637	60.977	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	244444	27.642	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	275462	27.162	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	187215	21.685	ug/L	100
3) Chloromethane	2.223	50	276332	24.230	ug/L	99
5) Vinyl chloride	2.375	62	271286	22.624	ug/L	98
6) Bromomethane	2.789	94	147137	23.192	ug/L	99
8) Chloroethane	2.930	64	139436	22.828	ug/L	97
9) Trichlorofluoromethane	3.265	101	191157	21.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	214233	22.776	ug/L	96
12) 1,1-Dichloroethene	4.045	96	205292	22.274	ug/L	88
13) Acetone	4.119	43	99180	38.986	ug/L	99
14) Carbon disulfide	4.393	76	733482	22.733	ug/L	99
15) Methyl Acetate	4.673	43	127749	25.354	ug/L #	77
16) Methylene chloride	4.917	84	249116	19.341	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	227473	23.431	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	343868	24.613	ug/L	100
19) 1,1-Dichloroethane	6.216	63	465232	23.513	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	244166	23.977	ug/L #	99
22) 2-Butanone	7.167	43	161853	50.179	ug/L	100
23) Bromochloromethane	7.520	128	104337	24.672	ug/L	95
25) Chloroform	7.679	83	428622	23.586	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	305083	24.528	ug/L	97
29) Cyclohexane	7.953	56	444790	23.398	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	330413	22.210	ug/L	99
31) Carbon tetrachloride	8.069	117	305583	22.640	ug/L	97
33) Benzene	8.325	78	986420	23.655	ug/L	100
34) Trichloroethene	9.093	95	246051	22.844	ug/L	98
35) Methylcyclohexane	9.337	83	447059	23.353	ug/L	100
37) 1,2-Dichloropropane	9.368	63	265196	23.594	ug/L	100
38) Bromodichloromethane	9.642	83	302250	23.790	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	383718	23.840	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	354571	52.299	ug/L	99
42) Toluene	10.386	91	1022279	24.030	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	320955	24.271	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	173803	23.864	ug/L	99
46) Tetrachloroethene	10.861	164	174548	22.884	ug/L	95
48) 2-Hexanone	10.965	43	244933	51.303	ug/L	99
49) Dibromochloromethane	11.123	129	182124	24.142	ug/L	95
50) 1,2-Dibromoethane	11.233	107	161536	24.177	ug/L	97
51) Chlorobenzene	11.654	112	611350	23.351	ug/L	99
52) Ethylbenzene	11.727	91	1132533	23.740	ug/L	97
53) m,p-Xylene	11.837	106	415371	23.585	ug/L	97
54) o-Xylene	12.160	106	393436	23.959	ug/L	99
55) Styrene	12.178	104	688029	24.716	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	220419	24.711	ug/L	96
59) Bromoform	12.349	173	98559	24.030	ug/L	99
60) Isopropylbenzene	12.458	105	1088795	23.949	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	159634	24.796	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	877105	24.537	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	802008	24.838	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	443415	23.111	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	465830	23.947	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	410804	24.269	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	34980	23.733	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	287634	23.043	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	248292	23.295	ug/L	97
71) Naphthalene	15.360	128	483594	25.402	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	225025	23.919	ug/L	100

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

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