

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027542.D
 Acq On : 06 Nov 2023 11:42
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV471

Quant Time: Nov 07 00:48:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:38:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	462790	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	419791	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	196492	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	204757	24.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.640%
7) Chloroethane-d5	2.899	69	144527	25.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.320%
11) 1,1-Dichloroethene-d2	4.021	65	89063	24.388	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.560%
21) 2-Butanone-d5	7.075	46	87620	48.436	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.880%
24) Chloroform-d	7.648	84	344316	25.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	8.300	65	175664	25.605	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	8.270	84	733773	26.144	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.560%
36) 1,2-Dichloropropane-d6	9.270	67	220300	25.415	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	10.318	98	655173	26.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.360%
43) trans-1,3-Dichloroprop...	10.574	79	86163	25.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.720%
47) 2-Hexanone-d5	10.922	63	68326	51.775	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148518	25.485	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	187604	25.118	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	112447	22.050	ug/L	99
3) Chloromethane	2.222	50	173069	25.312	ug/L	99
5) Vinyl chloride	2.375	62	191253	24.655	ug/L	98
6) Bromomethane	2.789	94	107547	25.143	ug/L	95
8) Chloroethane	2.935	64	110539	25.103	ug/L	100
9) Trichlorofluoromethane	3.271	101	130418	22.214	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	150077	24.676	ug/L	92
12) 1,1-Dichloroethene	4.039	96	148137	24.258	ug/L	84
13) Acetone	4.124	43	88449	46.140	ug/L	99
14) Carbon disulfide	4.386	76	517294	24.627	ug/L	100
15) Methyl Acetate	4.667	43	70705	24.006	ug/L	100
16) Methylene chloride	4.917	84	163126	21.596	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	162724	25.159	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	233855	24.235	ug/L	98
19) 1,1-Dichloroethane	6.215	63	326534	25.359	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	173317	24.790	ug/L	98
22) 2-Butanone	7.166	43	114852	46.522	ug/L	99
23) Bromochloromethane	7.508	128	69419	23.881	ug/L	95
25) Chloroform	7.672	83	300097	25.102	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	197758	25.139	ug/L	98
29) Cyclohexane	7.953	56	311453	24.492	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	238705	24.296	ug/L	99
31) Carbon tetrachloride	8.069	117	209497	24.360	ug/L	100
33) Benzene	8.325	78	690684	24.900	ug/L	100
34) Trichloroethene	9.093	95	174741	24.374	ug/L	97
35) Methylcyclohexane	9.337	83	318815	24.551	ug/L	99
37) 1,2-Dichloropropane	9.367	63	183844	25.208	ug/L	99
38) Bromodichloromethane	9.642	83	210124	25.329	ug/L #	96
39) cis-1,3-Dichloropropene	10.068	75	275797	25.538	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	199788	49.058	ug/L	100
42) Toluene	10.385	91	725921	25.225	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	221196	25.530	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	114298	24.102	ug/L	96
46) Tetrachloroethene	10.861	164	124507	24.200	ug/L	89
48) 2-Hexanone	10.964	43	156146	48.183	ug/L	100
49) Dibromochloromethane	11.129	129	120357	25.104	ug/L	98
50) 1,2-Dibromoethane	11.233	107	106241	23.907	ug/L	98
51) Chlorobenzene	11.653	112	437305	24.690	ug/L	95
52) Ethylbenzene	11.727	91	820371	24.996	ug/L	98
53) m,p-Xylene	11.836	106	305768	25.266	ug/L	96
54) o-Xylene	12.159	106	286816	25.033	ug/L	97
55) Styrene	12.178	104	502664	25.889	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	131945	23.751	ug/L	98
59) Bromoform	12.348	173	60528	23.866	ug/L	99
60) Isopropylbenzene	12.458	105	818494	25.433	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	96349	23.770	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	626287	25.524	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	636667	25.354	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	327648	25.054	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	320628	24.473	ug/L	93
67) 1,2-Dichlorobenzene	13.866	146	284998	24.974	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	19655	21.847	ug/L	87
69) 1,3,5-Trichlorobenzene	14.622	180	208564	24.862	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	173079	25.393	ug/L	95
71) Naphthalene	15.360	128	326868	25.754	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	143003	25.227	ug/L	99

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

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