

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031074.D
 Acq On : 20 Nov 2024 17:39
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV428

Quant Time: Nov 21 04:20:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 04:10:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	412863	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	379582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	191941	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	153839	30.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.280%	
7) Chloroethane-d5	2.899	69	117075	29.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.880%	
11) 1,1-Dichloroethene-d2	4.021	65	70112	28.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 112.760%#	
21) 2-Butanone-d5	7.069	46	64191	55.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.780%	
24) Chloroform-d	7.648	84	307844	27.449	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.800%	
26) 1,2-Dichloroethane-d4	8.307	65	150777	27.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.080%	
32) Benzene-d6	8.276	84	626316	29.136	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 116.560%	
36) 1,2-Dichloropropane-d6	9.270	67	179918	28.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 113.520%	
41) Toluene-d8	10.319	98	580965	29.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 118.680%	
43) trans-1,3-Dichloroprop...	10.575	79	76040	28.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 115.280%	
47) 2-Hexanone-d5	10.922	63	51691	56.743	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.480%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132761	27.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.000%	
66) 1,2-Dichlorobenzene-d4	13.848	152	191614	28.564	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 114.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	114231	23.338	ug/L	96
3) Chloromethane	2.223	50	128623	21.375	ug/L	100
5) Vinyl chloride	2.375	62	148327	23.905	ug/L	96
6) Bromomethane	2.796	94	99439	22.951	ug/L	97
8) Chloroethane	2.936	64	88067	23.663	ug/L	98
9) Trichlorofluoromethane	3.277	101	176314	20.544	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	128528	22.133	ug/L #	65
12) 1,1-Dichloroethene	4.045	96	126514	22.362	ug/L	93
13) Acetone	4.112	43	68579	39.868	ug/L	100
14) Carbon disulfide	4.387	76	411967	22.465	ug/L	99
15) Methyl Acetate	4.673	43	47449	21.251	ug/L	99
16) Methylene chloride	4.917	84	131537	22.255	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	133529	21.758	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	199953	22.610	ug/L	99
19) 1,1-Dichloroethane	6.222	63	236993	22.036	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	142725	22.042	ug/L	96
22) 2-Butanone	7.167	43	75709	40.699	ug/L	100
23) Bromochloromethane	7.514	128	63561	21.908	ug/L	89
25) Chloroform	7.679	83	244524	21.752	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148227	22.125	ug/L	99
29) Cyclohexane	7.959	56	203642	22.937	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	207638	22.551	ug/L	98
31) Carbon tetrachloride	8.075	117	185273	22.129	ug/L	99
33) Benzene	8.319	78	545542	22.453	ug/L	100
34) Trichloroethene	9.093	95	141673	21.525	ug/L	94
35) Methylcyclohexane	9.337	83	244737	23.139	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136336	22.506	ug/L	99
38) Bromodichloromethane	9.642	83	168364	22.082	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	209419	22.937	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	128213	44.981	ug/L	99
42) Toluene	10.386	91	583440	22.738	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	171089	23.206	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	98157	22.276	ug/L	98
46) Tetrachloroethene	10.861	164	111302	21.147	ug/L	89
48) 2-Hexanone	10.965	43	104885	46.541	ug/L	96
49) Dibromochloromethane	11.123	129	110043	22.456	ug/L	99
50) 1,2-Dibromoethane	11.233	107	91916	21.921	ug/L	98
51) Chlorobenzene	11.654	112	368147	21.938	ug/L	97
52) Ethylbenzene	11.727	91	649627	22.581	ug/L	99
53) m,p-Xylene	11.837	106	246054	22.409	ug/L	94
54) o-Xylene	12.160	106	231200	22.404	ug/L	98
55) Styrene	12.178	104	408695	23.272	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	107602	21.893	ug/L	94
59) Bromoform	12.349	173	60093	20.920	ug/L	94
60) Isopropylbenzene	12.458	105	647680	23.160	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	77302	22.000	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	522784	23.699	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	508021	23.347	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	272121	21.336	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	290412	21.883	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	257459	22.519	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	16711	21.759	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	188125	21.578	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	147909	21.213	ug/L	95
71) Naphthalene	15.360	128	259790	22.038	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	131370	21.169	ug/L	100

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

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