

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050124\
 Data File : VW028553.D
 Acq On : 01 May 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/02/2024
 Supervised By : Mahesh Dadoda 05/08/2024

Quant Time: May 02 02:13:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 26 01:10:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	288063	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	265708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125730	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	75093	16.261	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.040%		
7) Chloroethane-d5	2.899	69	68984m	19.709	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.840%		
11) 1,1-Dichloroethene-d2	4.021	65	35618	18.213	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.840%		
21) 2-Butanone-d5	7.081	46	57239	66.236	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.480%		
24) Chloroform-d	7.648	84	179775	23.916	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.680%		
26) 1,2-Dichloroethane-d4	8.307	65	98609	25.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.960%		
32) Benzene-d6	8.276	84	324823	22.378	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.520%		
36) 1,2-Dichloropropane-d6	9.276	67	100626	23.322	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.280%		
41) Toluene-d8	10.319	98	287345	21.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.080%		
43) trans-1,3-Dichloroprop...	10.575	79	39659	23.117	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.480%		
47) 2-Hexanone-d5	10.922	63	38396	64.244	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.480%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90681	29.789	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	119.160%		
66) 1,2-Dichlorobenzene-d4	13.849	152	97450	24.508	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79032	20.399	ug/L	100
3) Chloromethane	2.223	50	103612	22.778	ug/L	97
5) Vinyl chloride	2.375	62	121842	22.492	ug/L	99
6) Bromomethane	2.790	94	72467	21.411	ug/L	98
8) Chloroethane	2.936	64	74324	22.760	ug/L	98
9) Trichlorofluoromethane	3.271	101	109407	25.317	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	95243	23.426	ug/L #	70
12) 1,1-Dichloroethene	4.045	96	87195	22.841	ug/L	94
13) Acetone	4.125	43	59873	56.426	ug/L	98
14) Carbon disulfide	4.393	76	266997	21.244	ug/L	99
15) Methyl Acetate	4.673	43	47400	27.763	ug/L	98
16) Methylene chloride	4.923	84	96549	22.150	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	93148	23.164	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	139011	24.575	ug/L	99
19) 1,1-Dichloroethane	6.222	63	190984	24.376	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	100181	23.473	ug/L	97
22) 2-Butanone	7.173	43	70459	54.717	ug/L	97
23) Bromochloromethane	7.514	128	44518	24.217	ug/L	90
25) Chloroform	7.679	83	191081	24.827	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133681	25.166	ug/L	98
29) Cyclohexane	7.959	56	169282	24.119	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	156802	24.333	ug/L	98
31) Carbon tetrachloride	8.069	117	140897	24.656	ug/L	99
33) Benzene	8.325	78	401971	24.196	ug/L	100
34) Trichloroethene	9.093	95	107210	23.813	ug/L	95
35) Methylcyclohexane	9.337	83	179679	23.388	ug/L	98
37) 1,2-Dichloropropane	9.368	63	105106	24.274	ug/L	99
38) Bromodichloromethane	9.642	83	131937	24.583	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	156671	24.674	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	134814	62.197	ug/L	100
42) Toluene	10.386	91	421723	23.962	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	129811	25.271	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	75115	25.642	ug/L	95
46) Tetrachloroethene	10.861	164	78299	23.283	ug/L	98
48) 2-Hexanone	10.965	43	102162	59.378	ug/L	96
49) Dibromochloromethane	11.123	129	80556	25.728	ug/L	98
50) 1,2-Dibromoethane	11.233	107	69301	25.920	ug/L #	96
51) Chlorobenzene	11.654	112	261270	23.883	ug/L	98
52) Ethylbenzene	11.727	91	490720	24.597	ug/L	99
53) m,p-Xylene	11.837	106	176309	23.764	ug/L	100
54) o-Xylene	12.166	106	167653	24.269	ug/L	99
55) Styrene	12.178	104	291036	24.754	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	90992	27.447	ug/L	95
59) Bromoform	12.349	173	45207	27.239	ug/L	96
60) Isopropylbenzene	12.459	105	487788	25.879	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67241	29.252	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	310672	25.859	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380295	26.303	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	194741	24.349	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	195524	24.033	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	173709	24.692	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	15134	28.731	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	130225	23.662	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	105906	24.642	ug/L	94
71) Naphthalene	15.360	128	221776	29.157	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	93658	24.558	ug/L	98

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

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