

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030905.D
 Acq On : 04 Nov 2024 13:30
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV420

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 05 00:31:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:26:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	468619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	437640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	215599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	175165	22.791	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.160%		
7) Chloroethane-d5	2.899	69	144431	24.502	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.000%		
11) 1,1-Dichloroethene-d2	4.015	65	73948	23.317	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.280%		
21) 2-Butanone-d5	7.075	46	70647	55.856	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.720%		
24) Chloroform-d	7.648	84	364412	26.378	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.520%		
26) 1,2-Dichloroethane-d4	8.307	65	183601	26.730	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.920%		
32) Benzene-d6	8.270	84	720134	26.487	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.960%		
36) 1,2-Dichloropropane-d6	9.270	67	207553	25.896	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.600%		
41) Toluene-d8	10.325	98	654993	26.858	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	107.440%		
43) trans-1,3-Dichloroprop...	10.575	79	86123	26.509	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	106.040%		
47) 2-Hexanone-d5	10.922	63	60812	58.544	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.080%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146594	26.252	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	105.000%		
66) 1,2-Dichlorobenzene-d4	13.849	152	205362	26.149	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	104.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	104096	20.854	ug/L	95
3) Chloromethane	2.223	50	153246	22.784	ug/L	98
5) Vinyl chloride	2.375	62	177980	22.327	ug/L	94
6) Bromomethane	2.790	94	117842	22.515	ug/L	100
8) Chloroethane	2.936	64	111311	23.034	ug/L	94
9) Trichlorofluoromethane	3.259	101	164824	22.657	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	147066	21.960	ug/L	94
12) 1,1-Dichloroethene	4.039	96	145870m	24.082	ug/L	
13) Acetone	4.125	43	80615	52.186	ug/L	98
14) Carbon disulfide	4.393	76	461822	23.193	ug/L	99
15) Methyl Acetate	4.673	43	55831	24.640	ug/L	99
16) Methylene chloride	4.917	84	149013	22.492	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	161327	24.278	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	226829	25.291	ug/L	100
19) 1,1-Dichloroethane	6.216	63	295774	23.853	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	173510	24.613	ug/L	97
22) 2-Butanone	7.173	43	93217	53.885	ug/L	99
23) Bromochloromethane	7.514	128	75091	24.323	ug/L	95
25) Chloroform	7.673	83	310342	23.786	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	195606	24.073	ug/L	99
29) Cyclohexane	7.959	56	260376	24.827	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	249708	22.212	ug/L	99
31) Carbon tetrachloride	8.069	117	232513	23.017	ug/L	99
33) Benzene	8.325	78	676180	23.971	ug/L	100
34) Trichloroethene	9.087	95	178071	22.893	ug/L	94
35) Methylcyclohexane	9.331	83	298949	24.249	ug/L	97
37) 1,2-Dichloropropane	9.368	63	167071	23.699	ug/L	99
38) Bromodichloromethane	9.642	83	215789	23.308	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	262682	24.908	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	164882	51.142	ug/L	99
42) Toluene	10.386	91	724256	24.246	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	213248	24.340	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	117838	23.287	ug/L	98
46) Tetrachloroethene	10.861	164	139353	23.435	ug/L	94
48) 2-Hexanone	10.965	43	138424	56.435	ug/L	98
49) Dibromochloromethane	11.123	129	132093	23.942	ug/L	92
50) 1,2-Dibromoethane	11.233	107	113223	24.263	ug/L	95
51) Chlorobenzene	11.654	112	452297	23.659	ug/L	98
52) Ethylbenzene	11.727	91	815861	24.173	ug/L	99
53) m,p-Xylene	11.837	106	309326	24.368	ug/L	95
54) o-Xylene	12.160	106	292322	25.027	ug/L	99
55) Styrene	12.178	104	486913	24.398	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	132100	23.921	ug/L	95
59) Bromoform	12.349	173	72077	23.413	ug/L	98
60) Isopropylbenzene	12.459	105	802884	24.413	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	93399	23.107	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	653395	25.234	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	641786	25.451	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	335453	23.230	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	345256	23.289	ug/L	98
67) 1,2-Dichlorobenzene	13.861	146	291084	22.617	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	19527	22.818	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	232367	24.249	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	184323	24.225	ug/L	98
71) Naphthalene	15.360	128	322008	26.106	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	161252	24.590	ug/L	94

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

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