

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020923\
 Data File : VW025319.D
 Acq On : 09 Feb 2023 09:03
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/10/2023
 Supervised By : Mahesh Dadoda 02/10/2023

Quant Time: Feb 10 00:29:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 07 20:11:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	374462	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	326497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	161345	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	84693	23.373	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.480%		
7) Chloroethane-d5	2.898	69	74576	23.178	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.720%		
11) 1,1-Dichloroethene-d2	4.026	63	236930	23.580	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	94.320%		
21) 2-Butanone-d5	7.080	46	41360	43.968	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.940%		
24) Chloroform-d	7.647	84	238885	24.339	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.360%		
26) 1,2-Dichloroethane-d4	8.305	65	115219	24.100	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.400%		
32) Benzene-d6	8.275	84	458545	23.172	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.680%		
36) 1,2-Dichloropropane-d6	9.269	67	130557	22.549	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.200%		
41) Toluene-d8	10.323	98	418005	23.631	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.520%		
43) trans-1,3-Dichloroprop...	10.579	79	52940	24.470	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.880%		
47) 2-Hexanone-d5	10.921	63	33616	51.783	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.560%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	89570	22.749	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.000%		
66) 1,2-Dichlorobenzene-d4	13.853	152	131049	23.411	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	135812m	26.803	ug/L	
3) Chloromethane	2.227	50	124299	25.557	ug/L	98
5) Vinyl chloride	2.374	62	143347	28.939	ug/L	95
6) Bromomethane	2.794	94	88997	26.240	ug/L	98
8) Chloroethane	2.934	64	83111	26.877	ug/L	97
9) Trichlorofluoromethane	3.270	101	169871	23.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	148721	28.786	ug/L	96
12) 1,1-Dichloroethene	4.038	96	138738	27.052	ug/L	94
13) Acetone	4.129	43	52584	50.697	ug/L	99
14) Carbon disulfide	4.385	76	439687	26.234	ug/L	100
15) Methyl Acetate	4.672	43	42085	23.712	ug/L	99
16) Methylene chloride	4.910	84	141218	22.154	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	145693	26.452	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	187317	23.658	ug/L	100
19) 1,1-Dichloroethane	6.220	63	264757	26.996	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	156364	27.038	ug/L	100
22) 2-Butanone	7.172	43	60865	48.255	ug/L	99
23) Bromochloromethane	7.513	128	62900	26.406	ug/L	95
25) Chloroform	7.678	83	271881	26.951	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	165947	27.009	ug/L	98
29) Cyclohexane	7.958	56	243735	25.922	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	248329	26.814	ug/L	100
31) Carbon tetrachloride	8.068	117	233336	27.240	ug/L	98
33) Benzene	8.324	78	593658	26.275	ug/L	100
34) Trichloroethene	9.092	95	166613	26.326	ug/L	94
35) Methylcyclohexane	9.336	83	286693	25.378	ug/L	99
37) 1,2-Dichloropropane	9.366	63	144371	25.908	ug/L	100
38) Bromodichloromethane	9.641	83	190612	25.725	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	229372	25.139	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	113653	46.192	ug/L	98
42) Toluene	10.384	91	646859	28.790	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	183938	28.281	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	96434	27.458	ug/L	91
46) Tetrachloroethene	10.860	164	121611	30.068	ug/L	95
48) 2-Hexanone	10.964	43	83317	53.638	ug/L	99
49) Dibromochloromethane	11.128	129	115879	29.213	ug/L	98
50) 1,2-Dibromoethane	11.232	107	88199	27.415	ug/L	96
51) Chlorobenzene	11.652	112	407004	27.525	ug/L	99
52) Ethylbenzene	11.726	91	756193	28.090	ug/L	99
53) m,p-Xylene	11.835	106	288982	28.324	ug/L	98
54) o-Xylene	12.165	106	267708	26.065	ug/L	91
55) Styrene	12.177	104	450264	25.892	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	102293	24.445	ug/L	97
59) Bromoform	12.347	173	61515	26.873	ug/L	98
60) Isopropylbenzene	12.457	105	778357	28.486	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	73537	25.634	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	637407	28.936	ug/L	97
63) 1,2,4-Trimethylbenzene	13.250	105	630667	28.573	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	313087	27.656	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	309119	27.671	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	268955	27.569	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	16307	24.338	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	212402	28.851	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	171370	28.587	ug/L	95
71) Naphthalene	15.359	128	286470	26.141	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	136038	26.430	ug/L	94

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

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