

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020823\
 Data File : VW025310.D
 Acq On : 08 Feb 2023 09:20
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025532

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2023
 Supervised By :Mahesh Dadoda 02/09/2023

Quant Time: Feb 09 00:27:21 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	299220	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	265802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	132333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	60000	20.722	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.880%		
7) Chloroethane-d5	2.898	69	51248	19.933	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.720%		
11) 1,1-Dichloroethene-d2	4.026	63	191463	23.847	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.400%		
21) 2-Butanone-d5	7.080	46	32445	43.164	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.320%		
24) Chloroform-d	7.647	84	197229	25.148	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.600%		
26) 1,2-Dichloroethane-d4	8.305	65	101721	26.627	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.520%		
32) Benzene-d6	8.275	84	360690	22.389	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.560%		
36) 1,2-Dichloropropane-d6	9.275	67	100843	21.394	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.560%		
41) Toluene-d8	10.323	98	338438	23.502	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.000%		
43) trans-1,3-Dichloroprop...	10.573	79	44111	25.045	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.160%		
47) 2-Hexanone-d5	10.921	63	26804	50.718	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.440%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	71323	22.251	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.000%		
66) 1,2-Dichlorobenzene-d4	13.853	152	107766	23.472	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.020	85	103456m	25.552	ug/L	
3) Chloromethane	2.221	50	79576	20.475	ug/L	93
5) Vinyl chloride	2.373	62	91215	23.045	ug/L	94
6) Bromomethane	2.788	94	58688	21.655	ug/L	98
8) Chloroethane	2.934	64	52796	21.367	ug/L	99
9) Trichlorofluoromethane	3.270	101	136907	24.047	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	109396	26.499	ug/L	94
12) 1,1-Dichloroethene	4.038	96	105572	25.761	ug/L	94
13) Acetone	4.135	43	41998	50.673	ug/L	100
14) Carbon disulfide	4.385	76	328438	24.524	ug/L	100
15) Methyl Acetate	4.672	43	31287	22.061	ug/L	95
16) Methylene chloride	4.916	84	105079	20.629	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	108763	24.713	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	151952	24.017	ug/L	97
19) 1,1-Dichloroethane	6.214	63	196194	25.035	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	117575	25.443	ug/L	100
22) 2-Butanone	7.171	43	44061	43.716	ug/L	96
23) Bromochloromethane	7.513	128	47164	24.778	ug/L	94
25) Chloroform	7.677	83	213833	26.527	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	139514	28.417	ug/L	97
29) Cyclohexane	7.958	56	174177	22.755	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	201578	26.736	ug/L	99
31) Carbon tetrachloride	8.074	117	190345	27.296	ug/L	98
33) Benzene	8.324	78	441135	23.982	ug/L	100
34) Trichloroethene	9.092	95	124283	24.122	ug/L	97
35) Methylcyclohexane	9.336	83	215468	23.429	ug/L	99
37) 1,2-Dichloropropane	9.366	63	104387	23.010	ug/L	99
38) Bromodichloromethane	9.646	83	150093	24.882	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	176032	23.698	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	85044	42.457	ug/L	99
42) Toluene	10.384	91	486108	26.575	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	146519	27.672	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	75772	26.501	ug/L	93
46) Tetrachloroethene	10.860	164	93984	28.543	ug/L	93
48) 2-Hexanone	10.963	43	65506	51.802	ug/L	99
49) Dibromochloromethane	11.128	129	91396	28.302	ug/L	99
50) 1,2-Dibromoethane	11.232	107	68642	26.208	ug/L	98
51) Chlorobenzene	11.658	112	306073	25.426	ug/L	98
52) Ethylbenzene	11.731	91	565186	25.789	ug/L	96
53) m,p-Xylene	11.835	106	217411	26.175	ug/L	98
54) o-Xylene	12.164	106	203144	24.295	ug/L	98
55) Styrene	12.177	104	342797	24.213	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	77487	22.745	ug/L	98
59) Bromoform	12.347	173	49184	26.196	ug/L	99
60) Isopropylbenzene	12.463	105	589830	26.319	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	58126	24.704	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	492248	27.245	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	468684	25.889	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	229117	24.676	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	238084	25.984	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	201110	25.134	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.481	75	13082	23.806	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	162354	26.888	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	127545	25.941	ug/L	99
71) Naphthalene	15.359	128	229088	25.488	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	107728	25.518	ug/L	100

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

