

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071422\
 Data File : VW023697.D
 Acq On : 14 Jul 2022 13:31
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/18/2022
 Supervised By :Mahesh Dadoda 07/18/2022

Quant Time: Jul 15 03:35:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	190699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197070	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	117457	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	149701	30.736	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 122.960%			
7) Chloroethane-d5	2.873	69	98645	30.359	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.440%			
11) 1,1-Dichloroethene-d2	4.013	63	93959	23.690	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.760%			
21) 2-Butanone-d5	7.080	46	34138	45.187	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.380%			
24) Chloroform-d	7.641	84	135318	24.372	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.480%			
26) 1,2-Dichloroethane-d4	8.305	65	81653	24.046	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.200%			
32) Benzene-d6	8.269	84	258629	25.246	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	9.274	67	74851	24.257	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.040%			
41) Toluene-d8	10.323	98	265898	25.589	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.360%			
43) trans-1,3-Dichloroprop...	10.579	79	36332	25.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.480%			
47) 2-Hexanone-d5	10.921	63	30514	47.026	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.060%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	83266	24.417	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	98066	23.388	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	32410	25.009	ug/L	97
3) Chloromethane	2.215	50	77090	24.291	ug/L	97
5) Vinyl chloride	2.355	62	145885	26.770	ug/L	100
6) Bromomethane	2.770	94	88441	25.091	ug/L	92
8) Chloroethane	2.916	64	69776	27.368	ug/L	98
9) Trichlorofluoromethane	3.245	101	72422	29.236	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	53073	21.892	ug/L #	73
12) 1,1-Dichloroethene	4.038	96	44062	21.797	ug/L	85
13) Acetone	4.123	43	20302	38.009	ug/L	93
14) Carbon disulfide	4.379	76	120716	20.300	ug/L	98
15) Methyl Acetate	4.672	43	24861	20.796	ug/L #	53
16) Methylene chloride	4.909	84	57976	19.442	ug/L	93
17) trans-1,2-Dichloroethene	5.422	96	55278	22.538	ug/L	96
18) Methyl tert-butyl Ether	5.422	73	83797m	22.084	ug/L	
19) 1,1-Dichloroethane	6.208	63	103981	22.983	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	63162	23.245	ug/L #	97
22) 2-Butanone	7.171	43	38591	43.964	ug/L	98
23) Bromochloromethane	7.507	128	30896	23.670	ug/L	90
25) Chloroform	7.671	83	120723	23.162	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	90575	23.612	ug/L	96
29) Cyclohexane	7.952	56	84834	23.537	ug/L	97
30) 1,1,1-Trichloroethane	7.866	97	101969	23.897	ug/L	98
31) Carbon tetrachloride	8.061	117	90780	23.601	ug/L	97
33) Benzene	8.323	78	264006	23.574	ug/L	100
34) Trichloroethene	9.092	95	66479	22.480	ug/L	94
35) Methylcyclohexane	9.335	83	107618	23.898	ug/L	99
37) 1,2-Dichloropropane	9.366	63	66405	23.652	ug/L	100
38) Bromodichloromethane	9.640	83	95902	24.474	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	103279	24.406	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	95635	48.950	ug/L	98
42) Toluene	10.384	91	315353	24.691	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	101738	25.294	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	57905	23.587	ug/L	98
46) Tetrachloroethene	10.860	164	54385	23.784	ug/L	93
48) 2-Hexanone	10.963	43	70811	49.781	ug/L	99
49) Dibromochloromethane	11.128	129	70212	24.662	ug/L	96
50) 1,2-Dibromoethane	11.231	107	55800	23.659	ug/L #	90
51) Chlorobenzene	11.658	112	207382	24.076	ug/L	97
52) Ethylbenzene	11.731	91	368508	25.391	ug/L	97
53) m,p-Xylene	11.835	106	144579	25.532	ug/L	97
54) o-Xylene	12.164	106	141546	26.029	ug/L	96
55) Styrene	12.176	104	257136	26.765	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	82857	24.744	ug/L	97
59) Bromoform	12.347	173	38820	22.414	ug/L #	95
60) Isopropylbenzene	12.463	105	390319	24.738	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	57343	22.265	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	322027	24.929	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	328991	25.474	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	170846	23.849	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	182215	23.908	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	169057	25.023	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	13367	22.502	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	110622	23.330	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	88356	24.132	ug/L	99
71) Naphthalene	15.365	128	186193	23.707	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	84723	24.826	ug/L	93

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

