

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100322\
 Data File : VW024710.D
 Acq On : 03 Oct 2022 15:40
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025583

Quant Time: Oct 04 07:51:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	522281	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	474556	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	232617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	144232	26.395	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.560%			
7) Chloroethane-d5	2.886	69	82465	25.970	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.880%			
11) 1,1-Dichloroethene-d2	4.032	63	315280	24.928	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.720%			
21) 2-Butanone-d5	7.080	46	114066	58.061	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.120%			
24) Chloroform-d	7.647	84	368884	26.420	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.680%			
26) 1,2-Dichloroethane-d4	8.305	65	190005	26.233	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.920%			
32) Benzene-d6	8.275	84	737427	24.312	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.240%			
36) 1,2-Dichloropropane-d6	9.275	67	231968	25.030	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.120%			
41) Toluene-d8	10.323	98	649396	23.954	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	10.579	79	90346	21.891	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.560%			
47) 2-Hexanone-d5	10.921	63	88010	55.504	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.000%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	189214	28.654	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.600%			
66) 1,2-Dichlorobenzene-d4	13.853	152	216641	26.466	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	74617m	23.270	ug/L	
3) Chloromethane	2.221	50	142007	22.742	ug/L	100
5) Vinyl chloride	2.367	62	209090	32.567	ug/L	100
6) Bromomethane	2.782	94	93584	31.584	ug/L	97
8) Chloroethane	2.928	64	78611	29.043	ug/L	98
9) Trichlorofluoromethane	3.257	101	88758	24.711	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	204048	29.786	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	197919	28.968	ug/L	95
13) Acetone	4.123	43	75979	53.007	ug/L	98
14) Carbon disulfide	4.385	76	630748	29.243	ug/L	100
15) Methyl Acetate	4.672	43	95170	29.985	ug/L	99
16) Methylene chloride	4.922	84	216166	21.075	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	216767	28.237	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	335362	27.552	ug/L	100
19) 1,1-Dichloroethane	6.220	63	400753	27.903	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	233107	28.300	ug/L	100
22) 2-Butanone	7.171	43	129162	56.336	ug/L	99
23) Bromochloromethane	7.513	128	96429	28.804	ug/L	96
25) Chloroform	7.677	83	388700	28.540	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	247708	28.904	ug/L	100
29) Cyclohexane	7.958	56	396295	26.811	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	301942	26.294	ug/L	99
31) Carbon tetrachloride	8.068	117	253405	26.059	ug/L	100
33) Benzene	8.324	78	910459	27.411	ug/L	100
34) Trichloroethene	9.092	95	228430	27.134	ug/L	96
35) Methylcyclohexane	9.336	83	417463	27.051	ug/L	99
37) 1,2-Dichloropropane	9.366	63	229728	28.016	ug/L	100
38) Bromodichloromethane	9.646	83	272831	27.049	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	339232	26.161	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	280696	57.833	ug/L	99
42) Toluene	10.384	91	948203	27.644	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	283411	25.493	ug/L	98
45) 1,1,2-Trichloroethane	10.787	97	157711	28.158	ug/L	98
46) Tetrachloroethene	10.860	164	150030	26.229	ug/L	88
48) 2-Hexanone	10.969	43	190255	57.969	ug/L	98
49) Dibromochloromethane	11.128	129	169923	26.942	ug/L	99
50) 1,2-Dibromoethane	11.232	107	150319	28.354	ug/L	98
51) Chlorobenzene	11.658	112	584355	27.825	ug/L	98
52) Ethylbenzene	11.731	91	1053433	27.883	ug/L	99
53) m,p-Xylene	11.835	106	402067	27.253	ug/L	95
54) o-Xylene	12.164	106	390261	28.012	ug/L	98
55) Styrene	12.177	104	664825	28.307	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	193137	29.451	ug/L	100
59) Bromoform	12.347	173	82311	25.033	ug/L	98
60) Isopropylbenzene	12.463	105	1044442	27.549	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	141079	28.155	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	907491	27.540	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	893851	27.689	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	415491	26.975	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	419301	27.965	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	372957	27.800	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	29713	25.075	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	279560	27.336	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	236085	27.479	ug/L	97
71) Naphthalene	15.359	128	531690	28.422	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	194429	26.590	ug/L	99

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

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