

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
 Data File : VW020970.D
 Acq On : 26 Nov 2021 20:16
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: Nov 27 01:01:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 27 00:54:15 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2021
 Supervised By :Mahesh Dadoda 11/29/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	110077	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	103917	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	56888	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	27821	21.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.160%		
7) Chloroethane-d5	2.892	69	21715	26.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.480%		
11) 1,1-Dichloroethene-d2	4.026	63	57160	23.138	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.560%		
21) 2-Butanone-d5	7.080	46	17396	54.585	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.160%		
24) Chloroform-d	7.653	84	72620	26.183	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.720%		
26) 1,2-Dichloroethane-d4	8.311	65	38714	27.499	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.000%		
32) Benzene-d6	8.281	84	140142	25.588	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.360%		
36) 1,2-Dichloropropane-d6	9.275	67	40142	25.738	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.960%		
41) Toluene-d8	10.323	98	140069	25.767	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.080%		
43) trans-1,3-Dichloroprop...	10.579	79	18080	24.526	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.120%		
47) 2-Hexanone-d5	10.921	63	14637	56.587	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.180%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33469	28.013	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.040%		
66) 1,2-Dichlorobenzene-d4	13.853	152	52325	25.807	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	8941	28.066	ug/L	92
3) Chloromethane	2.221	50	17476	18.043	ug/L	100
5) Vinyl chloride	2.367	62	35716	21.320	ug/L	96
6) Bromomethane	2.788	94	23533	25.333	ug/L	99
8) Chloroethane	2.928	64	16648	23.638	ug/L	97
9) Trichlorofluoromethane	3.263	101	21666	22.203	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33603m	22.652	ug/L	
12) 1,1-Dichloroethene	4.044	96	30134	21.849	ug/L	83
13) Acetone	4.123	43	10960	38.518	ug/L	94
14) Carbon disulfide	4.385	76	71746	19.234	ug/L	99
15) Methyl Acetate	4.678	43	11887	23.295	ug/L	92
16) Methylene chloride	4.922	84	33415	21.765	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	32429	21.816	ug/L	82
18) Methyl tert-butyl Ether	5.434	73	52019	23.314	ug/L	94
19) 1,1-Dichloroethane	6.220	63	56044	22.755	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	37091	23.152	ug/L	78
22) 2-Butanone	7.171	43	16443	42.533	ug/L	89
23) Bromochloromethane	7.519	128	17011	23.226	ug/L	# 67
25) Chloroform	7.677	83	63532	23.600	ug/L	99

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27) 1,2-Dichloroethane	8.403	62	38807	23.807	ug/L #	94
29) Cyclohexane	7.964	56	46179	19.933	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	54978	22.000	ug/L	94
31) Carbon tetrachloride	8.074	117	50835	21.493	ug/L	97
33) Benzene	8.324	78	131390	22.331	ug/L	100
34) Trichloroethene	9.092	95	36155	21.969	ug/L	93
35) Methylcyclohexane	9.336	83	55964	20.625	ug/L #	85
37) 1,2-Dichloropropane	9.372	63	31312	22.867	ug/L #	97
38) Bromodichloromethane	9.646	83	44772	22.783	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	51305	22.692	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	37885	46.483	ug/L #	93
42) Toluene	10.390	91	147996	22.362	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	44305	22.298	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	25661	24.095	ug/L	96
46) Tetrachloroethene	10.860	164	31795	21.042	ug/L	92
48) 2-Hexanone	10.969	43	26414	46.787	ug/L #	95
49) Dibromochloromethane	11.128	129	32820	22.353	ug/L	95
50) 1,2-Dibromoethane	11.238	107	25268	23.665	ug/L #	92
51) Chlorobenzene	11.658	112	99688	22.648	ug/L	93
52) Ethylbenzene	11.731	91	168680	23.001	ug/L	94
53) m,p-Xylene	11.835	106	65289	21.806	ug/L	91
54) o-Xylene	12.164	106	64129	22.302	ug/L	90
55) Styrene	12.176	104	109886	23.014	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	29123	24.672	ug/L #	99
59) Bromoform	12.347	173	18483	21.790	ug/L	98
60) Isopropylbenzene	12.463	105	176611	22.794	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20885	25.029	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.945	105	150447	23.017	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	147125	22.814	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	84439	23.244	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	80602	21.996	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	75116	23.466	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4624	23.179	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	64867	22.545	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	49760	21.140	ug/L	98
71) Naphthalene	15.365	128	90336	23.553	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	41452	20.869	ug/L	95

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

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