Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
Data File : VW021554.D
Acq On : 22 Dec 2021 03:53
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Dec 22 05:21:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 02:57:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2021
Supervised By :Amit Patel 12/24/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105438	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	105091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61716	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38269	19.929	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.720%			
7) Chloroethane-d5	2.879	69	28924	22.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.120%			
11) 1,1-Dichloroethene-d2	4.019	63	64307	25.119	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.480%			
21) 2-Butanone-d5	7.092	46	16640	61.473	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.940%			
24) Chloroform-d	7.653	84	79619	27.097	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.400%			
26) 1,2-Dichloroethane-d4	8.305	65	42191	26.994	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.960%			
32) Benzene-d6	8.275	84	145336	25.230	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.920%			
36) 1,2-Dichloropropane-d6	9.275	67	40985	26.530	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.120%			
41) Toluene-d8	10.323	98	144496	24.551	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.200%			
43) trans-1,3-Dichloroprop...	10.579	79	18823	26.462	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.840%			
47) 2-Hexanone-d5	10.921	63	15051	65.885	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.760%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	36427	27.429	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.720%			
66) 1,2-Dichlorobenzene-d4	13.853	152	62322	26.056	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	7924	19.451	ug/L	99
3) Chloromethane	2.209	50	30666	22.737	ug/L	98
5) Vinyl chloride	2.355	62	45458	21.470	ug/L	97
6) Bromomethane	2.782	94	28345	20.639	ug/L	95
8) Chloroethane	2.916	64	22431	22.996	ug/L	97
9) Trichlorofluoromethane	3.257	101	29823	26.695	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37795m	25.959	ug/L	
12) 1,1-Dichloroethene	4.044	96	33656	25.752	ug/L	73
13) Acetone	4.154	43	11975	49.348	ug/L	100
14) Carbon disulfide	4.385	76	76042	22.530	ug/L	98
15) Methyl Acetate	4.678	43	12461	29.761	ug/L #	88
16) Methylene chloride	4.922	84	40103	23.019	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	35637	25.183	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	59206	30.293	ug/L	93
19) 1,1-Dichloroethane	6.214	63	60749	27.357	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	39848	26.697	ug/L	77
22) 2-Butanone	7.183	43	16786	52.969	ug/L	87
23) Bromochloromethane	7.519	128	18669	26.750	ug/L #	66
25) Chloroform	7.677	83	71047	27.561	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 02:57:00 2021
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Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	46057	28.214 ug/L	#	95
29) Cyclohexane	7.958	56	51168	24.462 ug/L	#	81
30) 1,1,1-Trichloroethane	7.878	97	62750	26.612 ug/L		95
31) Carbon tetrachloride	8.074	117	56087	25.785 ug/L		98
33) Benzene	8.324	78	143097	24.996 ug/L		100
34) Trichloroethene	9.092	95	39586	24.633 ug/L		90
35) Methylcyclohexane	9.336	83	62390	23.535 ug/L	#	84
37) 1,2-Dichloropropane	9.372	63	32797	25.684 ug/L	#	96
38) Bromodichloromethane	9.646	83	48747	27.764 ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	54378	27.014 ug/L		98
40) 4-Methyl-2-pentanone	10.213	43	39775	57.165 ug/L	#	91
42) Toluene	10.390	91	167477	25.013 ug/L		98
44) trans-1,3-Dichloropropene	10.610	75	47698	27.053 ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	28055	26.843 ug/L		93
46) Tetrachloroethene	10.866	164	36064	23.623 ug/L		97
48) 2-Hexanone	10.969	43	27654	54.806 ug/L	#	94
49) Dibromochloromethane	11.128	129	34153	26.506 ug/L		95
50) 1,2-Dibromoethane	11.238	107	28071	26.988 ug/L		95
51) Chlorobenzene	11.658	112	112501	25.097 ug/L		96
52) Ethylbenzene	11.731	91	187518	24.508 ug/L		97
53) m,p-Xylene	11.835	106	74656	24.187 ug/L		95
54) o-Xylene	12.164	106	73310	25.026 ug/L		97
55) Styrene	12.183	104	123689	24.810 ug/L		89
57) 1,1,2,2-Tetrachloroethane	12.713	83	32862	27.428 ug/L	#	93
59) Bromoform	12.347	173	20250	27.576 ug/L		97
60) Isopropylbenzene	12.463	105	199827	23.829 ug/L		96
61) 1,2,3-Trichloropropane	12.768	75	23668	26.350 ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.939	105	176553	24.741 ug/L		96
63) 1,2,4-Trimethylbenzene	13.249	105	172920	24.564 ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	93342	23.598 ug/L		97
65) 1,4-Dichlorobenzene	13.573	146	93993	23.917 ug/L		90
67) 1,2-Dichlorobenzene	13.865	146	83510	23.981 ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4711	25.428 ug/L	#	81
69) 1,3,5-Trichlorobenzene	14.627	180	74513	25.204 ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	55537	23.355 ug/L		96
71) Naphthalene	15.365	128	104772	27.120 ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	48907	24.887 ug/L		97

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

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