Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
Data File : VW021292.D
Acq On : 10 Dec 2021 18:12
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 22:10:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 22:05:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85105	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	83353	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	48372	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42477	27.405	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.600%			
7) Chloroethane-d5	2.879	69	29083	28.383	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.520%			
11) 1,1-Dichloroethene-d2	4.019	63	52697	25.502	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.000%			
21) 2-Butanone-d5	7.074	46	12260	56.113	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.220%			
24) Chloroform-d	7.647	84	61633	25.987	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.960%			
26) 1,2-Dichloroethane-d4	8.305	65	31022	24.590	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.360%			
32) Benzene-d6	8.275	84	115899	25.367	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.480%			
36) 1,2-Dichloropropane-d6	9.275	67	31202	25.464	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.840%			
41) Toluene-d8	10.323	98	115654	24.775	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.080%			
43) trans-1,3-Dichloroprop...	10.573	79	15063	26.698	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.800%			
47) 2-Hexanone-d5	10.921	63	10347	57.106	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.220%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	28328	26.894	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	44816	23.906	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	9455	28.754	ug/L	94
3) Chloromethane	2.215	50	24628	22.623	ug/L	100
5) Vinyl chloride	2.361	62	45331	26.525	ug/L	95
6) Bromomethane	2.776	94	29182	26.326	ug/L	98
8) Chloroethane	2.916	64	21280	27.028	ug/L	95
9) Trichlorofluoromethane	3.251	101	23955	26.566	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	31751m	27.018	ug/L	
12) 1,1-Dichloroethene	4.044	96	28109	26.646	ug/L	71
13) Acetone	4.123	43	9980	50.953	ug/L	94
14) Carbon disulfide	4.385	76	78295	28.740	ug/L	100
15) Methyl Acetate	4.672	43	9654	28.566	ug/L #	85
16) Methylene chloride	4.916	84	31808	22.619	ug/L	84
17) trans-1,2-Dichloroethene	5.422	96	29589	25.905	ug/L	84
18) Methyl tert-butyl Ether	5.422	73	40866	25.905	ug/L	95
19) 1,1-Dichloroethane	6.214	63	46887	26.159	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	31027	25.754	ug/L	71
22) 2-Butanone	7.171	43	13148	51.402	ug/L	80
23) Bromochloromethane	7.513	128	15167	26.924	ug/L #	65
25) Chloroform	7.677	83	53898	25.904	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	33671	25.555	ug/L	#	94
29) Cyclohexane	7.958	56	40396	24.349	ug/L	#	79
30) 1,1,1-Trichloroethane	7.872	97	48748	26.066	ug/L		93
31) Carbon tetrachloride	8.067	117	47819	27.717	ug/L		99
33) Benzene	8.323	78	111394	24.532	ug/L		100
34) Trichloroethene	9.092	95	31362	24.605	ug/L		93
35) Methylcyclohexane	9.335	83	52483	24.961	ug/L	#	83
37) 1,2-Dichloropropane	9.366	63	25639	25.314	ug/L	#	95
38) Bromodichloromethane	9.646	83	39508	28.371	ug/L	#	96
39) cis-1,3-Dichloropropene	10.073	75	43450	27.215	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	30219	54.758	ug/L	#	92
42) Toluene	10.390	91	134320	25.293	ug/L		93
44) trans-1,3-Dichloropropene	10.604	75	39264	28.078	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	22236	26.823	ug/L		93
46) Tetrachloroethene	10.860	164	30441	25.140	ug/L		93
48) 2-Hexanone	10.969	43	22506	56.236	ug/L	#	92
49) Dibromochloromethane	11.128	129	31216	30.545	ug/L		98
50) 1,2-Dibromoethane	11.232	107	22424	27.181	ug/L		99
51) Chlorobenzene	11.658	112	87728	24.674	ug/L		91
52) Ethylbenzene	11.731	91	145975	24.054	ug/L		98
53) m,p-Xylene	11.841	106	58965	24.086	ug/L		92
54) o-Xylene	12.164	106	56812	24.452	ug/L		99
55) Styrene	12.176	104	100435	25.400	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	25502	26.836	ug/L	#	94
59) Bromoform	12.353	173	18946	32.918	ug/L		98
60) Isopropylbenzene	12.463	105	156384	23.793	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	18423	26.169	ug/L	#	90
62) 1,3,5-Trimethylbenzene	12.939	105	134917	24.122	ug/L		95
63) 1,2,4-Trimethylbenzene	13.249	105	137988	25.009	ug/L		96
64) 1,3-Dichlorobenzene	13.499	146	75782	24.444	ug/L		89
65) 1,4-Dichlorobenzene	13.579	146	77803	25.259	ug/L		90
67) 1,2-Dichlorobenzene	13.865	146	71280	26.115	ug/L		91
68) 1,2-Dibromo-3-chloropr...	14.481	75	4190	28.855	ug/L	#	59
69) 1,3,5-Trichlorobenzene	14.627	180	56213	24.259	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	44526	23.890	ug/L		93
71) Naphthalene	15.365	128	74984	24.764	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	39513	25.653	ug/L		98

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

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