Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
Data File : VW021315.D
Acq On : 11 Dec 2021 05:13
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025524

Manual Integrations APPROVED

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

Quant Time: Dec 11 05:31:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.842	114	79298	25.000 ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	76035	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	43320	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.355	65	39599	27.419 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.680%		
7) Chloroethane-d5	2.886	69	28427	29.775 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.080%		
11) 1,1-Dichloroethene-d2	4.019	63	49856	25.894 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.560%		
21) 2-Butanone-d5	7.086	46	10892	53.503 ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.000%		
24) Chloroform-d	7.653	84	60598	27.422 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.680%		
26) 1,2-Dichloroethane-d4	8.305	65	31548	26.838 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.360%		
32) Benzene-d6	8.281	84	115196	27.640 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.560%		
36) 1,2-Dichloropropane-d6	9.275	67	30713	27.478 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.920%		
41) Toluene-d8	10.323	98	113655	26.690 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.760%		
43) trans-1,3-Dichloroprop...	10.579	79	14443	28.063 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 112.240%		
47) 2-Hexanone-d5	10.927	63	9369	56.685 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.360%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	27342	28.456 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.840%		
66) 1,2-Dichlorobenzene-d4	13.853	152	45070	26.845 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.400%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.008	85	7429m	24.247 ug/L	
3) Chloromethane	2.215	50	24945	24.592 ug/L	99
5) Vinyl chloride	2.361	62	41264	25.913 ug/L	95
6) Bromomethane	2.782	94	28549	27.641 ug/L	99
8) Chloroethane	2.916	64	20206	27.544 ug/L	98
9) Trichlorofluoromethane	3.263	101	19755	23.512 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	28146	25.705 ug/L	89
12) 1,1-Dichloroethene	4.044	96	25114	25.550 ug/L	81
13) Acetone	4.147	43	7802	42.750 ug/L	96
14) Carbon disulfide	4.385	76	72743	28.657 ug/L	99
15) Methyl Acetate	4.678	43	9005	28.597 ug/L #	87
16) Methylene chloride	4.916	84	30773	23.486 ug/L	85
17) trans-1,2-Dichloroethene	5.428	96	27309	25.660 ug/L	84
18) Methyl tert-butyl Ether	5.434	73	38812	26.405 ug/L	94
19) 1,1-Dichloroethane	6.220	63	45021	26.958 ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	29666	26.427 ug/L	70
22) 2-Butanone	7.184	43	11678	48.998 ug/L	90
23) Bromochloromethane	7.519	128	14479	27.585 ug/L #	64
25) Chloroform	7.677	83	52046	26.846 ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	31684	25.807	ug/L		97
29) Cyclohexane	7.958	56	35725	23.606	ug/L	#	80
30) 1,1,1-Trichloroethane	7.872	97	45341	26.577	ug/L		95
31) Carbon tetrachloride	8.068	117	43454	27.611	ug/L		98
33) Benzene	8.324	78	108847	26.279	ug/L		100
34) Trichloroethene	9.092	95	30172	25.949	ug/L		95
35) Methylcyclohexane	9.336	83	45550	23.749	ug/L	#	84
37) 1,2-Dichloropropane	9.372	63	24176	26.167	ug/L	#	95
38) Bromodichloromethane	9.646	83	38983	30.688	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	40297	27.669	ug/L		98
40) 4-Methyl-2-pentanone	10.213	43	26704	53.046	ug/L	#	89
42) Toluene	10.384	91	124331	25.665	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	35964	28.193	ug/L		98
45) 1,1,2-Trichloroethane	10.787	97	21253	28.105	ug/L		95
46) Tetrachloroethene	10.860	164	28138	25.475	ug/L		90
48) 2-Hexanone	10.969	43	18903	51.779	ug/L	#	95
49) Dibromochloromethane	11.128	129	28949	31.053	ug/L		94
50) 1,2-Dibromoethane	11.232	107	20646	27.435	ug/L		97
51) Chlorobenzene	11.658	112	82458	25.424	ug/L		88
52) Ethylbenzene	11.731	91	134368	24.272	ug/L		95
53) m,p-Xylene	11.841	106	53912	24.141	ug/L		86
54) o-Xylene	12.164	106	52119	24.591	ug/L		89
55) Styrene	12.183	104	93575	25.942	ug/L		90
57) 1,1,2,2-Tetrachloroethane	12.713	83	23743	27.390	ug/L	#	95
59) Bromoform	12.347	173	17427	33.810	ug/L		99
60) Isopropylbenzene	12.463	105	141806	24.091	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	16801	26.648	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.939	105	121808	24.318	ug/L		93
63) 1,2,4-Trimethylbenzene	13.249	105	123328	24.959	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	69677	25.096	ug/L		89
65) 1,4-Dichlorobenzene	13.579	146	70357	25.505	ug/L		87
67) 1,2-Dichlorobenzene	13.865	146	64645	26.446	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.481	75	3696	28.421	ug/L	#	61
69) 1,3,5-Trichlorobenzene	14.627	180	50897	24.527	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	40511	24.271	ug/L		96
71) Naphthalene	15.365	128	70589	26.031	ug/L		100
72) 1,2,3-Trichlorobenzene	15.548	180	36057	26.139	ug/L		95

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

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