Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051618.D
Acq On : 18 Dec 2021 5:51
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 18 07:11:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020596

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
12/20/2021

Supervised By :mohammad ahmed
12/24/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	38574	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.114	136	160715	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.909	164	112308	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.652	188	261835	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.976	240	225619	20.000	ng/ul	#-0.01
88) Perylene-d12	25.471	264	231552	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.595	96	7111	7.656	ng/uL	-0.01
4) Pyridine-d5	4.029	84	59270	21.120	ng/ul	-0.02
7) Phenol-d5	7.401	99	72345	21.005	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.577	67	43220	21.109	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.795	132	52034	21.723	ng/ul	-0.02
15) 4-Methylphenol-d8	8.970	113	56531	21.234	ng/ul	-0.01
21) Nitrobenzene-d5	9.440	128	26136	22.181	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.174	143	30577	23.738	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.720	165	58959	21.107	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.231	131	73965	20.112	ng/ul	-0.01
46) Dimethylphthalate-d6	14.298	166	179834	20.006	ng/ul	-0.02
49) Acenaphthylene-d8	14.603	160	233992	20.960	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.073	143	28201	19.292	ng/ul	0.00
60) Fluorene-d10	15.896	176	161712	20.079	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.001	200	26247	19.240	ng/ul	-0.01
73) Anthracene-d10	17.752	188	257419	20.610	ng/ul	-0.01
81) Pyrene-d10	20.031	212	292217	21.520	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.230	264	257699	21.152	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.636	88	7558	7.797	ng/uL#	87
5) Pyridine	4.047	79	59664	21.192	ng/ul	98
6) Benzaldehyde	7.395	77	53560	24.925	ng/ul	96
8) Phenol	7.431	94	73717	21.525	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.677	93	54421	20.829	ng/ul	95
12) 2-Chlorophenol	7.830	128	53843	21.913	ng/ul	95
13) 2-Methylphenol	8.705	108	55881	21.626	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.799	45	75736	21.370	ng/ul	99
16) Acetophenone	9.099	105	88450	21.151	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.075	70	53330	21.253	ng/ul	98
18) 4-Methylphenol	9.034	108	58820	21.598	ng/ul	90
19) Hexachloroethane	9.381	117	21956	20.479	ng/ul#	79
22) Nitrobenzene	9.487	77	75615	22.063	ng/ul	98
23) Isophorone	10.015	82	139912	20.335	ng/ul#	98
25) 2-Nitrophenol	10.203	139	32428	23.552	ng/ul	97
26) 2,4-Dimethylphenol	10.256	107	69609	20.983	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.491	93	75265	20.601	ng/ul	98
29) 2,4-Dichlorophenol	10.744	162	57329	21.571	ng/ul	99
30) Naphthalene	11.161	128	176264	20.357	ng/ul	96
32) 4-Chloroaniline	11.255	127	75627	20.138	ng/ul	99
33) Hexachlorobutadiene	11.455	225	42328	18.759	ng/ul	96
34) Caprolactam	12.001	113	19110m	23.750	ng/ul	
35) 4-Chloro-3-methylphenol	12.359	107	64017	21.497	ng/ul	96
36) 2-Methylnaphthalene	12.753	142	128683	20.832	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.970	142	130317	20.318	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.117	216	81365	20.828	ng/ul	98
40) Hexachlorocyclopentadiene	13.105	237	51975	18.324	ng/ul	98
41) 2,4,6-Trichlorophenol	13.346	196	51944	21.966	ng/ul	94
42) 2,4,5-Trichlorophenol	13.417	196	58931	23.778	ng/ul	94
43) 1,1'-Biphenyl	13.746	154	181910	21.145	ng/ul#	93
44) 2-Chloronaphthalene	13.793	162	139660	20.998	ng/ul	98
45) 2-Nitroaniline	13.981	65	48265	23.755	ng/ul	90
47) Dimethylphthalate	14.345	163	175829	20.148	ng/ul	100
48) 2,6-Dinitrotoluene	14.462	165	38391	23.012	ng/ul	98
50) Acenaphthylene	14.633	152	227943	20.868	ng/ul	96
51) 3-Nitroaniline	14.791	138	37758	23.669	ng/ul	98
52) Acenaphthene	14.973	153	150475	20.853	ng/ul	97
53) 2,4-Dinitrophenol	14.997	184	22013	22.826	ng/ul#	79
55) 4-Nitrophenol	15.085	109	29928	19.082	ng/ul	87
56) Dibenzofuran	15.308	168	215893	20.315	ng/ul	96
57) 2,4-Dinitrotoluene	15.249	165	53691	22.706	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.526	232	50483	21.433	ng/ul#	87
59) Diethylphthalate	15.708	149	176939	19.463	ng/ul	97
61) Fluorene	15.954	166	176292	20.133	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.937	204	99070	20.313	ng/ul	93
63) 4-Nitroaniline	15.954	138	37755	23.076	ng/ul#	90
66) 4,6-Dinitro-2-methylph...	16.013	198	25565	19.082	ng/ul	99
67) N-Nitrosodiphenylamine	16.148	169	151874	21.565	ng/ul	98
68) 4-Bromophenyl-phenylether	16.836	248	65206	24.453	ng/ul#	86
69) Hexachlorobenzene	16.965	284	70779	21.123	ng/ul#	90
70) Atrazine	17.088	200	64517	20.416	ng/ul	98
71) Pentachlorophenol	17.300	266	45225	22.028	ng/ul	97
72) Phenanthrene	17.699	178	279649	20.765	ng/ul	100
74) Anthracene	17.787	178	278024	20.435	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.716	216	92005	22.841	ng/uL	98
76) Pentachlorobenzene	15.226	250	84312	21.895	ng/uL	99
77) Carbazole	18.052	167	251809	20.669	ng/ul	98
78) Di-n-butylphthalate	18.598	149	294083	20.058	ng/ul	100
80) Fluoranthene	19.696	202	344727	22.117	ng/ul#	91
82) Pyrene	20.061	202	331437	21.487	ng/ul#	89
83) Butylbenzylphthalate	20.930	149	116356	22.493	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.852	252	118686	22.321	ng/ul#	98
85) Benzo(a)anthracene	21.952	228	313616	21.365	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.846	149	164200	22.661	ng/ul#	98
87) Chrysene	22.029	228	299503	21.120	ng/ul	97
89) Di-n-octyl phthalate	23.156	149	278947	22.366	ng/ul	100
90) Benzo(b)fluoranthene	24.355	252	324424	20.917	ng/ul#	94
91) Benzo(k)fluoranthene	24.425	252	295223	20.326	ng/ul#	95
93) Benzo(a)pyrene	25.306	252	304422	20.797	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.501	276	342488	21.432	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.577	278	296495	21.723	ng/ul#	94
96) Benzo(g,h,i)perylene	30.758	276	292061	21.567	ng/ul#	88

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

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