Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
Data File : BG051810.D
Acq On : 27 Dec 2021 20:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 28 01:56:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 13:37:07 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020462

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/28/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	35372	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.107	136	151239	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.908	164	106302	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.651	188	244006	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.975	240	228146	20.000	ng/ul	#-0.01
88) Perylene-d12	25.470	264	221427	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	7532	8.843	ng/uL	0.00
4) Pyridine-d5	4.022	84	65435	25.427	ng/ul	-0.02
7) Phenol-d5	7.406	99	70324	22.267	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	43741	23.297	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.794	132	48112	21.903	ng/ul	-0.02
15) 4-Methylphenol-d8	8.969	113	55244	22.629	ng/ul	-0.01
21) Nitrobenzene-d5	9.439	128	26191	23.621	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.173	143	27434	22.633	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.713	165	54707	20.812	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.230	131	71736	20.728	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	163407	19.205	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	217396	20.573	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.072	143	24877	17.980	ng/ul	0.00
60) Fluorene-d10	15.895	176	149202	19.573	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	24314	19.125	ng/ul	-0.01
73) Anthracene-d10	17.751	188	239935	20.613	ng/ul	-0.01
81) Pyrene-d10	20.030	212	286201	20.843	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.229	264	251068	21.550	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	8982m	10.105	ng/uL	
5) Pyridine	4.046	79	63900	24.751	ng/ul	100
6) Benzaldehyde	7.394	77	54714	27.767	ng/ul	96
8) Phenol	7.435	94	73492	23.402	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.670	93	53470	22.318	ng/ul	99
12) 2-Chlorophenol	7.829	128	50573	22.445	ng/ul	95
13) 2-Methylphenol	8.704	108	54476	22.991	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.798	45	79893	24.584	ng/ul	100
16) Acetophenone	9.092	105	83833	21.861	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.074	70	51910	22.560	ng/ul#	97
18) 4-Methylphenol	9.033	108	56619	22.672	ng/ul	94
19) Hexachloroethane	9.380	117	19641	19.978	ng/ul#	80
22) Nitrobenzene	9.480	77	75627	23.449	ng/ul	99
23) Isophorone	10.008	82	132105	20.403	ng/ul	100
25) 2-Nitrophenol	10.208	139	30011	23.162	ng/ul	98
26) 2,4-Dimethylphenol	10.255	107	65067	20.843	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.490	93	73066	21.252	ng/ul	98
29) 2,4-Dichlorophenol	10.743	162	53192	21.268	ng/ul	96
30) Naphthalene	11.160	128	166242	20.403	ng/ul	97
32) 4-Chloroaniline	11.254	127	75658	21.409	ng/ul	93
33) Hexachlorobutadiene	11.448	225	39326	18.521	ng/ul	97
34) Caprolactam	11.994	113	18046	23.832	ng/ul	97
35) 4-Chloro-3-methylphenol	12.358	107	58894	21.016	ng/ul	94
36) 2-Methylnaphthalene	12.752	142	120647	20.755	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.969	142	121624	20.151	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.116	216	74157	20.056	ng/ul	96
40)	Hexachlorocyclopentadiene	13.098	237	40339	15.025	ng/ul	96
41)	2,4,6-Trichlorophenol	13.345	196	45566	20.357	ng/ul	94
42)	2,4,5-Trichlorophenol	13.416	196	50249	21.420	ng/ul	98
43)	1,1'-Biphenyl	13.745	154	168226	20.659	ng/ul	98
44)	2-Chloronaphthalene	13.791	162	132084	20.981	ng/ul	99
45)	2-Nitroaniline	13.979	65	48535	25.237	ng/ul	96
47)	Dimethylphthalate	14.344	163	161609	19.565	ng/ul	98
48)	2,6-Dinitrotoluene	14.467	165	36067	22.840	ng/ul	90
50)	Acenaphthylene	14.632	152	214524	20.750	ng/ul	98
51)	3-Nitroaniline	14.790	138	35709	23.649	ng/ul#	91
52)	Acenaphthene	14.972	153	140409	20.557	ng/ul	98
53)	2,4-Dinitrophenol	14.996	184	17760	19.456	ng/ul#	83
55)	4-Nitrophenol	15.090	109	25307	17.048	ng/ul	88
56)	Dibenzofuran	15.301	168	199958	19.879	ng/ul	98
57)	2,4-Dinitrotoluene	15.248	165	50607	22.611	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.524	232	41858	18.775	ng/ul#	96
59)	Diethylphthalate	15.701	149	162998	18.942	ng/ul	96
61)	Fluorene	15.953	166	164856	19.891	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.936	204	88419	19.153	ng/ul	95
63)	4-Nitroaniline	15.953	138	34576	22.327	ng/ul	90
66)	4,6-Dinitro-2-methylph...	16.012	198	23026	18.443	ng/ul	98
67)	N-Nitrosodiphenylamine	16.147	169	141001	21.484	ng/ul	99
68)	4-Bromophenyl-phenylether	16.834	248	57100	22.978	ng/ul#	89
69)	Hexachlorobenzene	16.964	284	64599	20.687	ng/ul#	90
70)	Atrazine	17.087	200	58893	19.998	ng/ul	96
71)	Pentachlorophenol	17.299	266	32406	16.938	ng/ul	97
72)	Phenanthrene	17.698	178	262720	20.933	ng/ul	99
74)	Anthracene	17.786	178	263470	20.780	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.715	216	82886	22.080	ng/uL	96
76)	Pentachlorobenzene	15.225	250	75839	21.134	ng/uL	96
77)	Carbazole	18.050	167	235804	20.769	ng/ul	98
78)	Di-n-butylphthalate	18.597	149	279717	20.472	ng/ul	99
80)	Fluoranthene	19.695	202	332809	21.116	ng/ul#	92
82)	Pyrene	20.059	202	325387	20.861	ng/ul#	91
83)	Butylbenzylphthalate	20.929	149	120585	23.053	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.851	252	113759	21.157	ng/ul#	97
85)	Benzo(a)anthracene	21.951	228	321203	21.640	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.839	149	169309	23.107	ng/ul#	98
87)	Chrysene	22.022	228	300716	20.970	ng/ul	98
89)	Di-n-octyl phthalate	23.144	149	287162	24.078	ng/ul	100
90)	Benzo(b)fluoranthene	24.354	252	320205	21.589	ng/ul#	96
91)	Benzo(k)fluoranthene	24.424	252	300709	21.651	ng/ul#	96
93)	Benzo(a)pyrene	25.305	252	301743	21.557	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	29.494	276	289764m	18.962	ng/ul	
95)	Dibenzo(a,h)anthracene	29.576	278	232020	17.777	ng/ul#	93
96)	Benzo(g,h,i)perylene	30.757	276	223443	17.254	ng/ul#	92

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

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