Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
Data File : BG056957.D
Acq On : 3 Apr 2023 14:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 04 04:56:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 03:23:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.414	152	18553	20.000	ng	0.00
21) Naphthalene-d8	11.263	136	73536	20.000	ng	0.00
39) Acenaphthene-d10	15.034	164	54873	20.000	ng	0.00
64) Phenanthrene-d10	17.772	188	134618	20.000	ng	0.00
76) Chrysene-d12	22.101	240	122307	20.000	ng	0.00
86) Perylene-d12	25.649	264	134453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	95616	82.482	ng	0.00
7) Phenol-d6	7.539	99	141540	81.636	ng	0.00
23) Nitrobenzene-d5	9.595	82	142268	79.162	ng	0.00
42) 2,4,6-Tribromophenol	16.515	330	72258	82.428	ng	0.00
45) 2-Fluorobiphenyl	13.660	172	328413	81.157	ng	0.00
79) Terphenyl-d14	20.345	244	576034	79.696	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.726	88	21714	42.730	ng	98
3) Pyridine	4.149	79	71460	43.660	ng	96
4) n-Nitrosodimethylamine	4.055	42	32418	43.079	ng	98
6) Aniline	7.726	93	90657	40.901	ng	97
8) 2-Chlorophenol	7.967	128	46794	40.526	ng	94
9) Benzaldehyde	7.533	77	43213	39.737	ng	92
10) Phenol	7.568	94	69834	40.649	ng	99
11) bis(2-Chloroethyl)ether	7.815	93	49437	40.398	ng	95
12) 1,3-Dichlorobenzene	8.308	146	50947	39.932	ng	97
13) 1,4-Dichlorobenzene	8.455	146	51850	40.266	ng	96
14) 1,2-Dichlorobenzene	8.778	146	50219	40.367	ng	95
15) Benzyl Alcohol	8.643	79	57704	40.055	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.931	45	56674	38.428	ng	96
17) 2-Methylphenol	8.843	107	49539	40.418	ng	93
18) Hexachloroethane	9.518	117	17950	38.139	ng	92
19) n-Nitroso-di-n-propyla...	9.219	70	48784	39.338	ng	97
20) 3+4-Methylphenols	9.172	107	69147	40.345	ng	96
22) Acetophenone	9.242	105	87675	40.068	ng	96
24) Nitrobenzene	9.636	77	73917	40.229	ng	98
25) Isophorone	10.159	82	133802	39.097	ng	99
26) 2-Nitrophenol	10.352	139	28482	40.160	ng	95
27) 2,4-Dimethylphenol	10.393	122	49073	39.190	ng	99
28) bis(2-Chloroethoxy)met...	10.634	93	63940	37.319	ng	99
29) 2,4-Dichlorophenol	10.893	162	51978	38.597	ng	94
30) 1,2,4-Trichlorobenzene	11.116	180	56423	39.432	ng	90
31) Naphthalene	11.310	128	155711	38.848	ng	98
32) Benzoic acid	10.517	122	33195m	38.592	ng	
33) 4-Chloroaniline	11.404	127	71308	39.391	ng	97
34) Hexachlorobutadiene	11.586	225	42261	39.318	ng	94
35) Caprolactam	12.162	113	17504	37.690	ng	96
36) 4-Chloro-3-methylphenol	12.491	107	58379	38.764	ng	96
37) 2-Methylnaphthalene	12.884	142	123433	38.801	ng	97
38) 1-Methylnaphthalene	13.102	142	114873	38.456	ng	99
40) 1,2,4,5-Tetrachloroben...	13.243	216	77864	40.920	ng	99
41) Hexachlorocyclopentadiene	13.225	237	45020	42.941	ng	98
43) 2,4,6-Trichlorophenol	13.472	196	50954	41.963	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.548	196	58550	40.702	ng		93
46) 1,1'-Biphenyl	13.871	154	165247	41.138	ng		95
47) 2-Chloronaphthalene	13.924	162	122103	41.100	ng		95
48) 2-Nitroaniline	14.112	65	44009	41.428	ng		95
49) Acenaphthylene	14.764	152	203009	41.590	ng		99
50) Dimethylphthalate	14.470	163	176726	40.875	ng		97
51) 2,6-Dinitrotoluene	14.594	165	39002	41.751	ng		94
52) Acenaphthene	15.099	154	136633	40.587	ng		98
53) 3-Nitroaniline	14.929	138	38725	41.881	ng		89
54) 2,4-Dinitrophenol	15.128	184	21951	41.748	ng	#	79
55) Dibenzofuran	15.428	168	208733	41.312	ng		99
56) 4-Nitrophenol	15.210	139	28431	41.581	ng		90
57) 2,4-Dinitrotoluene	15.375	165	54113	41.072	ng	#	98
58) Fluorene	16.074	166	168550	40.314	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.645	232	53756	41.043	ng		98
60) Diethylphthalate	15.816	149	174601	40.283	ng		99
61) 4-Chlorophenyl-phenyle...	16.056	204	99498	40.532	ng		98
62) 4-Nitroaniline	16.086	138	38270	39.948	ng		96
63) Azobenzene	16.344	77	174710	40.446	ng		98
65) 4,6-Dinitro-2-methylph...	16.139	198	33360	40.917	ng		95
66) n-Nitrosodiphenylamine	16.268	169	146215	40.461	ng		97
67) 4-Bromophenyl-phenylether	16.949	248	64581	38.772	ng		98
68) Hexachlorobenzene	17.079	284	67072	40.730	ng		97
69) Atrazine	17.196	200	58761	39.172	ng		97
70) Pentachlorophenol	17.413	266	45931	38.878	ng		94
71) Phenanthrene	17.819	178	272328	39.678	ng		100
72) Anthracene	17.907	178	278945	39.646	ng		99
73) Carbazole	18.171	167	237163	38.661	ng		96
74) Di-n-butylphthalate	18.694	149	275916	38.842	ng		99
75) Fluoranthene	19.804	202	331825	38.139	ng		98
77) Benzidine	19.969	184	123832	37.042	ng		96
78) Pyrene	20.163	202	331620	39.202	ng		97
80) Butylbenzylphthalate	21.026	149	119362	41.003	ng		92
81) Benzo(a)anthracene	22.078	228	332235	39.255	ng		99
82) 3,3'-Dichlorobenzidine	21.972	252	114046	39.904	ng		98
83) Chrysene	22.148	228	313557	39.567	ng		99
84) Bis(2-ethylhexyl)phtha...	21.931	149	170964	40.558	ng		98
85) Di-n-octyl phthalate	23.253	149	288275	40.582	ng		100
87) Indeno(1,2,3-cd)pyrene	29.750	276	395412	39.793	ng	#	96
88) Benzo(b)fluoranthene	24.510	252	330243	39.278	ng		100
89) Benzo(k)fluoranthene	24.586	252	339120	40.402	ng		99
90) Benzo(a)pyrene	25.479	252	324776	39.310	ng		98
91) Dibenzo(a,h)anthracene	29.820	278	329475	40.338	ng		92
92) Benzo(g,h,i)perylene	31.036	276	315830	39.489	ng		99

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

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