Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010323\
Data File : BG056184.D
Acq On : 3 Jan 2023 13:29
Operator : CG/JU
Sample : PB150003BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 04 02:21:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 04 02:08:15 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150003BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2023
Supervised By :Yogesh Patel 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.338	152	51337	20.000	ng		0.00
21) Naphthalene-d8	11.170	136	215041	20.000	ng		0.00
39) Acenaphthene-d10	14.948	164	188825	20.000	ng		0.00
64) Phenanthrene-d10	17.686	188	488628	20.000	ng		0.00
76) Chrysene-d12	21.987	240	484027	20.000	ng	#	0.00
86) Perylene-d12	25.447	264	470570	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.858	112	423971	147.457	ng		0.01
7) Phenol-d6	7.474	99	606946	137.457	ng		0.00
23) Nitrobenzene-d5	9.513	82	314921	74.910	ng		0.00
42) 2,4,6-Tribromophenol	16.428	330	291378	121.842	ng		0.00
45) 2-Fluorobiphenyl	13.579	172	1029491	75.288	ng		0.00
79) Terphenyl-d14	20.259	244	2075973	76.817	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.673	88	41803	31.831	ng		96
3) Pyridine	4.090	79	104431	26.108	ng	#	92
4) n-Nitrosodimethylamine	4.002	42	30820	37.878	ng	#	86
6) Aniline	7.651	93	149074	25.745	ng		98
8) 2-Chlorophenol	7.897	128	148888	52.038	ng		94
10) Phenol	7.504	94	219730	49.069	ng		97
11) bis(2-Chloroethyl)ether	7.745	93	130656	43.055	ng		97
12) 1,3-Dichlorobenzene	8.226	146	158411	45.492	ng		95
13) 1,4-Dichlorobenzene	8.373	146	161008	46.045	ng		98
14) 1,2-Dichlorobenzene	8.702	146	157451	46.666	ng		97
15) Benzyl Alcohol	8.567	79	146134	45.474	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.861	45	25839	48.184	ng		89
17) 2-Methylphenol	8.767	107	149217	45.413	ng		97
18) Hexachloroethane	9.437	117	47952	45.141	ng		92
19) n-Nitroso-di-n-propyla...	9.143	70	110224	41.051	ng		98
20) 3+4-Methylphenols	9.096	107	206936	44.795	ng		96
22) Acetophenone	9.166	105	242772	39.928	ng	#	98
24) Nitrobenzene	9.554	77	160653	38.561	ng		96
25) Isophorone	10.077	82	328580	37.147	ng		94
26) 2-Nitrophenol	10.271	139	89652	42.058	ng		98
27) 2,4-Dimethylphenol	10.312	122	169752	43.662	ng		97
28) bis(2-Chloroethoxy)met...	10.553	93	186118	40.484	ng		99
29) 2,4-Dichlorophenol	10.806	162	191783	44.618	ng		98
30) 1,2,4-Trichlorobenzene	11.029	180	197064	40.401	ng		98
31) Naphthalene	11.223	128	458772	40.537	ng		99
32) Benzoic acid	10.447	122	123103	42.674	ng		98
33) 4-Chloroaniline	11.317	127	101861	18.852	ng		97
34) Hexachlorobutadiene	11.499	225	142884	40.729	ng		98
35) Caprolactam	12.086	113	61487m	42.251	ng		
36) 4-Chloro-3-methylphenol	12.416	107	186021	42.650	ng		99
37) 2-Methylnaphthalene	12.803	142	370303	38.751	ng		99
38) 1-Methylnaphthalene	13.021	142	351929	39.659	ng		98
40) 1,2,4,5-Tetrachloroben...	13.162	216	279738	39.527	ng		99
41) Hexachlorocyclopentadiene	13.138	237	346130	85.785	ng		96
43) 2,4,6-Trichlorophenol	13.391	196	192288	41.090	ng		95
44) 2,4,5-Trichlorophenol	13.467	196	212559	38.397	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.790	154	548687	40.574	ng		99
47)	2-Chloronaphthalene	13.837	162	436092	40.856	ng		96
48)	2-Nitroaniline	14.031	65	92075	40.486	ng		97
49)	Acenaphthylene	14.678	152	681653	39.243	ng		100
50)	Dimethylphthalate	14.390	163	602175	39.505	ng		98
51)	2,6-Dinitrotoluene	14.513	165	129527	39.879	ng		95
52)	Acenaphthene	15.012	154	515462m	45.627	ng		
53)	3-Nitroaniline	14.842	138	77934	25.212	ng		97
54)	2,4-Dinitrophenol	15.048	184	201116	86.674	ng		95
55)	Dibenzofuran	15.347	168	733944	39.259	ng		97
56)	4-Nitrophenol	15.136	139	204795	86.143	ng		92
57)	2,4-Dinitrotoluene	15.294	165	190093	41.848	ng		93
58)	Fluorene	15.988	166	598427	39.798	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.565	232	212019	40.791	ng		97
60)	Diethylphthalate	15.741	149	571359	39.969	ng		99
61)	4-Chlorophenyl-phenyle...	15.970	204	374253	39.883	ng		98
62)	4-Nitroaniline	16.005	138	124145	39.207	ng		96
63)	Azobenzene	16.264	77	426937	38.702	ng		99
65)	4,6-Dinitro-2-methylph...	16.058	198	137264	41.695	ng		99
66)	n-Nitrosodiphenylamine	16.188	169	558206	41.174	ng		96
67)	4-Bromophenyl-phenylether	16.863	248	252722	40.616	ng		97
68)	Hexachlorobenzene	16.992	284	250451	43.143	ng		99
69)	Atrazine	17.116	200	133303	23.725	ng		95
70)	Pentachlorophenol	17.327	266	342824	76.878	ng		98
71)	Phenanthrene	17.727	178	1033965	40.832	ng		99
72)	Anthracene	17.821	178	1047269	40.092	ng		100
73)	Carbazole	18.079	167	917843	41.802	ng		99
74)	Di-n-butylphthalate	18.614	149	926783	42.342	ng		99
75)	Fluoranthene	19.719	202	1309464	39.644	ng		99
77)	Benzidine	19.883	184	283787	16.730	ng		98
78)	Pyrene	20.077	202	1316096	38.577	ng		99
80)	Butylbenzylphthalate	20.935	149	392811	40.133	ng		99
81)	Benzo(a)anthracene	21.963	228	1307689	38.465	ng		99
82)	3,3'-Dichlorobenzidine	21.863	252	426358	34.839	ng		99
83)	Chrysene	22.040	228	1233207	38.726	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.828	149	574853	40.766	ng		99
85)	Di-n-octyl phthalate	23.121	149	967548	40.644	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.437	276	1511206	44.158	ng	#	97
88)	Benzo(b)fluoranthene	24.343	252	1401695	46.882	ng		98
89)	Benzo(k)fluoranthene	24.419	252	1345922	45.207	ng		100
90)	Benzo(a)pyrene	25.289	252	1215451	41.680	ng		100
91)	Dibenzo(a,h)anthracene	29.507	278	1301539	45.362	ng		98
92)	Benzo(g,h,i)perylene	30.694	276	1254909	45.101	ng		98

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

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