Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
Data File : BG057721.D
Acq On : 15 Jun 2023 12:28
Operator : CG/JU
Sample : PB153430BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 15 13:33:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:52:08 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB153430BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/16/2023
Supervised By :mohammad ahmed
06/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	35251	20.000	ng		0.00
21) Naphthalene-d8	10.744	136	167768	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	122911	20.000	ng		0.00
64) Phenanthrene-d10	17.319	188	291012	20.000	ng		0.00
76) Chrysene-d12	21.573	240	237855	20.000	ng		0.00
86) Perylene-d12	24.734	264	283707	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.515	112	312029	144.131	ng		0.00
7) Phenol-d6	7.101	99	450277	135.388	ng		0.00
23) Nitrobenzene-d5	9.105	82	246691	90.213	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	192530	140.403	ng		0.00
45) 2-Fluorobiphenyl	13.200	172	610635	74.055	ng		0.00
79) Terphenyl-d14	19.933	244	1035673	80.503	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	32047	29.076	ng		92
3) Pyridine	3.811	79	91148	29.214	ng		89
4) n-Nitrosodimethylamine	3.729	42	58933	38.727	ng		93
6) Aniline	7.266	93	171012	39.191	ng		99
8) 2-Chlorophenol	7.501	128	115040	55.423	ng		94
9) Benzaldehyde	7.078	77	67160	32.761	ng		97
10) Phenol	7.125	94	169363	52.114	ng		99
11) bis(2-Chloroethyl)ether	7.360	93	107779	42.313	ng		98
12) 1,3-Dichlorobenzene	7.830	146	101320	42.198	ng		99
13) 1,4-Dichlorobenzene	7.977	146	105076	44.139	ng		96
14) 1,2-Dichlorobenzene	8.294	146	103079	44.564	ng		98
15) Benzyl Alcohol	8.177	79	119181	46.790	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.470	45	217547	39.224	ng		99
17) 2-Methylphenol	8.376	107	113771	47.574	ng		97
18) Hexachloroethane	9.023	117	34917	47.462	ng		96
19) n-Nitroso-di-n-propyla...	8.747	70	100743	41.893	ng	#	95
20) 3+4-Methylphenols	8.705	107	158676	48.527	ng		97
22) Acetophenone	8.764	105	192766	39.551	ng		95
24) Nitrobenzene	9.146	77	132949	44.385	ng		96
25) Isophorone	9.669	82	294915	37.926	ng		99
26) 2-Nitrophenol	9.857	139	50964	60.287	ng	#	85
27) 2,4-Dimethylphenol	9.910	122	119536	46.036	ng		100
28) bis(2-Chloroethoxy)met...	10.151	93	163111	40.350	ng		98
29) 2,4-Dichlorophenol	10.386	162	116099	52.709	ng		98
30) 1,2,4-Trichlorobenzene	10.609	180	115475	40.336	ng		98
31) Naphthalene	10.797	128	352139	39.055	ng		98
32) Benzoic acid	10.051	122	86829	85.572	ng		99
33) 4-Chloroaniline	10.897	127	102866	24.504	ng		99
34) Hexachlorobutadiene	11.079	225	68089	37.821	ng		97
35) Caprolactam	11.678	113	45036m	49.564	ng		
36) 4-Chloro-3-methylphenol	12.019	107	148500	47.589	ng		97
37) 2-Methylnaphthalene	12.401	142	251374	37.684	ng		96
38) 1-Methylnaphthalene	12.624	142	240223	38.387	ng		99
40) 1,2,4,5-Tetrachloroben...	12.771	216	135838	39.041	ng		98
41) Hexachlorocyclopentadiene	12.748	237	160622	121.037	ng		95
43) 2,4,6-Trichlorophenol	13.006	196	106440	47.319	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.077	196	115620	43.736	ng		97
46)	1,1'-Biphenyl	13.412	154	343808	40.485	ng		99
47)	2-Chloronaphthalene	13.453	162	264925	41.275	ng		98
48)	2-Nitroaniline	13.653	65	97208	53.729	ng		98
49)	Acenaphthylene	14.299	152	440681	39.590	ng		98
50)	Dimethylphthalate	14.029	163	371029	41.170	ng		100
51)	2,6-Dinitrotoluene	14.146	165	74378	54.059	ng		86
52)	Acenaphthene	14.640	154	299941m	44.953	ng		
53)	3-Nitroaniline	14.475	138	59442	40.442	ng	#	94
54)	2,4-Dinitrophenol	14.681	184	70714	107.149	ng		96
55)	Dibenzofuran	14.975	168	430212	38.412	ng		99
56)	4-Nitrophenol	14.781	139	139699	93.904	ng		90
57)	2,4-Dinitrotoluene	14.933	165	102187	56.295	ng	#	93
58)	Fluorene	15.621	166	341031	38.225	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.192	232	105534	47.597	ng		99
60)	Diethylphthalate	15.398	149	382660	41.134	ng		99
61)	4-Chlorophenyl-phenyle...	15.615	204	180944	37.856	ng		98
62)	4-Nitroaniline	15.638	138	78650	46.182	ng		94
63)	Azobenzene	15.909	77	381486	38.138	ng		99
65)	4,6-Dinitro-2-methylph...	15.691	198	53281	67.093	ng		89
66)	n-Nitrosodiphenylamine	15.826	169	309961	40.745	ng		98
67)	4-Bromophenyl-phenylether	16.508	248	121430	40.979	ng		97
68)	Hexachlorobenzene	16.620	284	130641	42.187	ng		98
69)	Atrazine	16.778	200	127096	50.215	ng		98
70)	Pentachlorophenol	16.960	266	174274	93.739	ng		95
71)	Phenanthrene	17.360	178	566314	39.880	ng		100
72)	Anthracene	17.448	178	569472	39.586	ng		99
73)	Carbazole	17.718	167	542711	40.735	ng		99
74)	Di-n-butylphthalate	18.282	149	659190	44.639	ng		98
75)	Fluoranthene	19.369	202	671289	39.240	ng		100
77)	Benzidine	19.552	184	320003	56.436	ng		98
78)	Pyrene	19.728	202	687056	40.597	ng		100
80)	Butylbenzylphthalate	20.621	149	282869	46.102	ng		100
81)	Benzo(a)anthracene	21.555	228	664774	40.470	ng		99
82)	3,3'-Dichlorobenzidine	21.473	252	202847	37.913	ng		99
83)	Chrysene	21.620	228	620377	39.685	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.473	149	399528	47.919	ng		99
85)	Di-n-octyl phthalate	22.671	149	732504	50.951	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.341	276	807372	43.982	ng		100
88)	Benzo(b)fluoranthene	23.735	252	695912	45.216	ng		97
89)	Benzo(k)fluoranthene	23.799	252	685928	42.971	ng		97
90)	Benzo(a)pyrene	24.587	252	623910	41.229	ng		99
91)	Dibenzo(a,h)anthracene	28.412	278	674210	44.445	ng		98
92)	Benzo(g,h,i)perylene	29.469	276	666941	44.049	ng		96

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

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