Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053545.D
Acq On : 13 May 2022 16:23
Operator : CG/JU
Sample : PB144757BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 14 03:13:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144757BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	25645	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	108277	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	86153	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	217989	20.000	ng	0.00
76) Chrysene-d12	21.739	240	211782	20.000	ng	0.00
86) Perylene-d12	25.011	264	219889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	202256	133.849	ng	0.00
7) Phenol-d6	7.253	99	293193	127.848	ng	0.00
23) Nitrobenzene-d5	9.250	82	204572	80.426	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	158592	124.811	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	469752	79.677	ng	0.00
79) Terphenyl-d14	20.059	244	960339	84.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	30465	38.425	ng	95
3) Pyridine	3.928	79	56292	29.073	ng	95
4) n-Nitrosodimethylamine	3.840	42	38827	41.165	ng	93
6) Aniline	7.406	93	107248	42.224	ng	98
8) 2-Chlorophenol	7.652	128	72293	45.764	ng	99
9) Benzaldehyde	7.218	77	51797m	35.553	ng	
10) Phenol	7.276	94	101080	45.066	ng	94
11) bis(2-Chloroethyl)ether	7.500	93	69303	41.430	ng	97
12) 1,3-Dichlorobenzene	7.975	146	74212	39.822	ng	91
13) 1,4-Dichlorobenzene	8.122	146	75815	40.315	ng	95
14) 1,2-Dichlorobenzene	8.440	146	75678	42.855	ng	94
15) Benzyl Alcohol	8.322	79	86843m	45.295	ng	
16) 2,2'-oxybis(1-Chloropr...	8.610	45	114677	42.121	ng	98
17) 2-Methylphenol	8.534	107	68736	45.342	ng	96
18) Hexachloroethane	9.174	117	28430	39.810	ng	95
19) n-Nitroso-di-n-propyla...	8.886	70	69444	42.205	ng	95
20) 3+4-Methylphenols	8.863	107	93571	43.704	ng	99
22) Acetophenone	8.909	105	118929	40.133	ng	96
24) Nitrobenzene	9.291	77	104448	42.426	ng	96
25) Isophorone	9.814	82	187731	43.855	ng	99
26) 2-Nitrophenol	10.008	139	42935	43.060	ng	96
27) 2,4-Dimethylphenol	10.061	122	74800	49.847	ng	96
28) bis(2-Chloroethoxy)met...	10.290	93	99823	40.545	ng	99
29) 2,4-Dichlorophenol	10.548	162	82767	45.701	ng	94
30) 1,2,4-Trichlorobenzene	10.760	180	82605	40.144	ng	99
31) Naphthalene	10.948	128	226400	41.106	ng	98
32) Benzoic acid	10.237	122	33813	38.161	ng	92
33) 4-Chloroaniline	11.054	127	74727	32.397	ng	97
34) Hexachlorobutadiene	11.236	225	62287	40.822	ng	97
35) Caprolactam	11.823	113	28707m	43.619	ng	
36) 4-Chloro-3-methylphenol	12.176	107	94888	43.801	ng	95
37) 2-Methylnaphthalene	12.546	142	168374	40.964	ng	98
38) 1-Methylnaphthalene	12.763	142	162696m	40.570	ng	
40) 1,2,4,5-Tetrachloroben...	12.916	216	109882	40.462	ng	98
41) Hexachlorocyclopentadiene	12.898	237	105542	93.711	ng	99
43) 2,4,6-Trichlorophenol	13.157	196	75139	42.388	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.233	196	79707	42.249	ng		98
46)	1,1'-Biphenyl	13.544	154	235135	40.040	ng		99
47)	2-Chloronaphthalene	13.591	162	184183	40.031	ng		98
48)	2-Nitroaniline	13.791	65	77088	44.965	ng		99
49)	Acenaphthylene	14.437	152	317515	43.247	ng		99
50)	Dimethylphthalate	14.161	163	269182	41.116	ng		98
51)	2,6-Dinitrotoluene	14.279	165	58382	43.771	ng		95
52)	Acenaphthene	14.778	154	180557	41.266	ng		98
53)	3-Nitroaniline	14.614	138	48627	33.742	ng		100
54)	2,4-Dinitrophenol	14.831	184	66513	78.672	ng		92
55)	Dibenzofuran	15.113	168	310146	39.463	ng		99
56)	4-Nitrophenol	14.937	139	86908	84.431	ng		91
57)	2,4-Dinitrotoluene	15.072	165	84198	43.550	ng	#	87
58)	Fluorene	15.759	166	260442	41.295	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.342	232	80110	41.851	ng		99
60)	Diethylphthalate	15.518	149	282132	41.719	ng		96
61)	4-Chlorophenyl-phenyle...	15.741	204	146746	41.698	ng		98
62)	4-Nitroaniline	15.783	138	60941	40.770	ng		98
63)	Azobenzene	16.035	77	282262	40.760	ng		99
65)	4,6-Dinitro-2-methylph...	15.841	198	52037	40.061	ng		93
66)	n-Nitrosodiphenylamine	15.959	169	238352	41.645	ng		99
67)	4-Bromophenyl-phenylether	16.640	248	104124	40.899	ng		94
68)	Hexachlorobenzene	16.769	284	114927	41.219	ng		98
69)	Atrazine	16.905	200	102367	42.486	ng		94
70)	Pentachlorophenol	17.116	266	114073	76.205	ng		97
71)	Phenanthrene	17.504	178	450883	40.678	ng		98
72)	Anthracene	17.592	178	455705	41.827	ng		99
73)	Carbazole	17.856	167	413098	38.688	ng		99
74)	Di-n-butylphthalate	18.403	149	487971	40.634	ng		100
75)	Fluoranthene	19.507	202	577408	40.231	ng		99
77)	Benzidine	19.683	184	277368	60.764	ng		98
78)	Pyrene	19.871	202	573772	41.852	ng		99
80)	Butylbenzylphthalate	20.741	149	212051	42.180	ng		97
81)	Benzo(a)anthracene	21.716	228	564101	41.761	ng		99
82)	3,3'-Dichlorobenzidine	21.628	252	166219	48.525	ng		98
83)	Chrysene	21.786	228	516869	40.970	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.610	149	302762	43.633	ng		99
85)	Di-n-octyl phthalate	22.832	149	508980	43.379	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.783	276	628475	41.037	ng	#	95
88)	Benzo(b)fluoranthene	23.971	252	585888	45.014	ng		100
89)	Benzo(k)fluoranthene	24.042	252	555671	43.446	ng		99
90)	Benzo(a)pyrene	24.864	252	557589	50.332	ng		99
91)	Dibenzo(a,h)anthracene	28.835	278	543137	43.040	ng		99
92)	Benzo(g,h,i)perylene	29.957	276	539611	43.138	ng		97

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

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