Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
Data File : BG048877.D
Acq On : 26 Apr 2021 14:07
Operator : CG/JU
Sample : PB135980BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135980BS

Manual Integrations APPROVED
mohammad
4/27/2021 12:10:51 PM

Quant Time: Apr 26 15:03:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 13:36:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.039	152	21897	20.00	ng		0.00
21) Naphthalene-d8	10.859	136	96315	20.00	ng		0.00
39) Acenaphthene-d10	14.690	164	66255	20.00	ng		0.00
64) Phenanthrene-d10	17.439	188	158413	20.00	ng		# 0.00
76) Chrysene-d12	21.723	240	145191	20.00	ng		0.00
86) Perylene-d12	25.007	264	134626	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.600	112	166684	127.31	ng		0.00
7) Phenol-d6	7.210	99	212102	114.53	ng		0.00
23) Nitrobenzene-d5	9.214	82	153371	71.29	ng		0.00
42) 2,4,6-Tribromophenol	16.182	330	89607	100.87	ng		0.00
45) 2-Fluorobiphenyl	13.309	172	343516	74.87	ng		0.00
79) Terphenyl-d14	20.048	244	627217	74.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.444	88	16274	31.72	ng		94
3) Pyridine	3.850	79	43809	32.76	ng		85
4) n-Nitrosodimethylamine	3.767	42	38693	37.90	ng	#	87
6) Aniline	7.363	93	74707	35.94	ng	#	95
8) 2-Chlorophenol	7.610	128	63193	45.50	ng		100
9) Benzaldehyde	7.169	77	25857	21.07	ng		90
10) Phenol	7.240	94	82394	45.25	ng		89
11) bis(2-Chloroethyl)ether	7.457	93	53271	43.41	ng		96
12) 1,3-Dichlorobenzene	7.927	146	67772	42.44	ng		99
13) 1,4-Dichlorobenzene	8.074	146	67463	41.45	ng		91
14) 1,2-Dichlorobenzene	8.397	146	65621	43.70	ng		95
15) Benzyl Alcohol	8.280	79	67393	41.30	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.568	45	58356	43.87	ng		98
17) 2-Methylphenol	8.491	107	54247	46.66	ng		93
18) Hexachloroethane	9.132	117	26472	41.41	ng		96
19) n-Nitroso-di-n-propyla...	8.850	70	51621	41.32	ng	#	92
20) 3+4-Methylphenols	8.820	107	71409	44.52	ng		95
22) Acetophenone	8.867	105	96320	38.42	ng	#	99
24) Nitrobenzene	9.255	77	81092	37.79	ng		95
25) Isophorone	9.778	82	142513	37.46	ng		95
26) 2-Nitrophenol	9.966	139	35742	38.48	ng		93
27) 2,4-Dimethylphenol	10.031	122	65040	45.55	ng		91
28) bis(2-Chloroethoxy)met...	10.254	93	75922	45.81	ng		98
29) 2,4-Dichlorophenol	10.512	162	65099	40.43	ng		95
30) 1,2,4-Trichlorobenzene	10.724	180	69532	37.24	ng		97
31) Naphthalene	10.912	128	192179	38.89	ng		99
32) Benzoic acid	10.236	122	11674m	13.95	ng		
33) 4-Chloroaniline	11.018	127	50503	24.56	ng		97
34) Hexachlorobutadiene	11.188	225	50102	36.14	ng		99
35) Caprolactam	11.799	113	22206m	40.58	ng		
36) 4-Chloro-3-methylphenol	12.152	107	73186	40.13	ng		98
37) 2-Methylnaphthalene	12.516	142	152734	38.67	ng		98
38) 1-Methylnaphthalene	12.733	142	141835	38.60	ng		97
40) 1,2,4,5-Tetrachloroben...	12.886	216	83268	38.61	ng		94
41) Hexachlorocyclopentadiene	12.857	237	49364	44.76	ng		94
43) 2,4,6-Trichlorophenol	13.127	196	53293	37.03	ng		91

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.203	196	57935	37.91	ng	#	88
46)	1,1'-Biphenyl	13.521	154	198518	40.56	ng		97
47)	2-Chloronaphthalene	13.568	162	148166	39.63	ng		99
48)	2-Nitroaniline	13.773	65	55088	41.01	ng		89
49)	Acenaphthylene	14.414	152	250156	42.89	ng		95
50)	Dimethylphthalate	14.137	163	202852	40.82	ng	#	99
51)	2,6-Dinitrotoluene	14.261	165	47681	41.59	ng	#	87
52)	Acenaphthene	14.754	154	154228	41.64	ng		99
53)	3-Nitroaniline	14.596	138	33921	30.82	ng		93
54)	2,4-Dinitrophenol	14.807	184	35080	52.89	ng		96
55)	Dibenzofuran	15.089	168	239357	39.04	ng		98
56)	4-Nitrophenol	14.919	139	63314	77.64	ng		94
57)	2,4-Dinitrotoluene	15.054	165	67687	40.65	ng		93
58)	Fluorene	15.736	166	205283	40.77	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.318	232	49631	35.10	ng	#	93
60)	Diethylphthalate	15.495	149	215000	41.82	ng		99
61)	4-Chlorophenyl-phenyle...	15.724	204	110928	40.06	ng		94
62)	4-Nitroaniline	15.759	138	45375	38.56	ng		96
63)	Azobenzene	16.018	77	209005	40.37	ng		93
65)	4,6-Dinitro-2-methylph...	15.818	198	35100	33.10	ng		90
66)	n-Nitrosodiphenylamine	15.941	169	182639	40.79	ng		96
67)	4-Bromophenyl-phenylether	16.617	248	70484	38.66	ng		92
68)	Hexachlorobenzene	16.740	284	72875	39.46	ng		99
69)	Atrazine	16.887	200	80086	43.01	ng		99
70)	Pentachlorophenol	17.093	266	52957	53.81	ng		100
71)	Phenanthrene	17.481	178	337695	41.07	ng		97
72)	Anthracene	17.575	178	341692	42.00	ng		99
73)	Carbazole	17.845	167	308337	39.57	ng		98
74)	Di-n-butylphthalate	18.385	149	368236	42.15	ng		98
75)	Fluoranthene	19.490	202	420105	40.40	ng		98
77)	Benzidine	19.666	184	157226	39.88	ng		97
78)	Pyrene	19.854	202	412082	41.02	ng		99
80)	Butylbenzylphthalate	20.730	149	165345	42.09	ng		96
81)	Benzo(a)anthracene	21.705	228	399461	40.26	ng		99
82)	3,3'-Dichlorobenzidine	21.617	252	108110	31.77	ng		94
83)	Chrysene	21.770	228	376825	39.87	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.588	149	230104	41.85	ng		100
85)	Di-n-octyl phthalate	22.816	149	393209	42.00	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.791	276	433939	43.89	ng		99
88)	Benzo(b)fluoranthene	23.961	252	399289	43.72	ng	#	93
89)	Benzo(k)fluoranthene	24.032	252	369950m	43.07	ng		
90)	Benzo(a)pyrene	24.854	252	349398	41.53	ng		100
91)	Dibenzo(a,h)anthracene	28.844	278	357338	42.14	ng		95
92)	Benzo(g,h,i)perylene	29.972	276	361175	43.14	ng	#	97

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

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