Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042721\
Data File : BG048890.D
Acq On : 27 Apr 2021 17:05
Operator : CG/JU
Sample : PB136026BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB136026BS

Manual Integrations APPROVED

mohammad
4/28/2021 10:59:32 AM

Quant Time: Apr 27 17:45:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:50:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.023	152	18451	20.00	ng		0.00
21) Naphthalene-d8	10.844	136	80150	20.00	ng		0.00
39) Acenaphthene-d10	14.668	164	55246	20.00	ng		0.00
64) Phenanthrene-d10	17.418	188	146074	20.00	ng	#	0.00
76) Chrysene-d12	21.696	240	138294	20.00	ng		0.00
86) Perylene-d12	24.956	264	136553	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.579	112	161603	146.49	ng		0.00
7) Phenol-d6	7.195	99	207359	132.88	ng		0.00
23) Nitrobenzene-d5	9.193	82	153069	85.50	ng		0.00
42) 2,4,6-Tribromophenol	16.161	330	88744	119.81	ng		0.00
45) 2-Fluorobiphenyl	13.288	172	334296	87.38	ng		0.00
79) Terphenyl-d14	20.027	244	648468	80.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	13915	32.19	ng		91
3) Pyridine	3.828	79	35393	31.41	ng	#	91
4) n-Nitrosodimethylamine	3.740	42	34188	39.74	ng	#	85
6) Aniline	7.342	93	58130	33.19	ng		98
8) 2-Chlorophenol	7.583	128	57959	49.52	ng		96
9) Benzaldehyde	7.154	77	49796	48.16	ng		89
10) Phenol	7.218	94	76282	49.71	ng		97
11) bis(2-Chloroethyl)ether	7.436	93	48197	46.61	ng		96
12) 1,3-Dichlorobenzene	7.912	146	57357	42.62	ng		92
13) 1,4-Dichlorobenzene	8.059	146	60425	44.06	ng		96
14) 1,2-Dichlorobenzene	8.376	146	59390	46.94	ng		100
15) Benzyl Alcohol	8.264	79	60943	44.32	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.540	45	52172	46.54	ng		90
17) 2-Methylphenol	8.476	107	50395	51.45	ng		91
18) Hexachloroethane	9.104	117	23895	44.36	ng		92
19) n-Nitroso-di-n-propyla...	8.828	70	46804	44.46	ng		96
20) 3+4-Methylphenols	8.799	107	68613	50.77	ng		94
22) Acetophenone	8.852	105	88313	42.33	ng		98
24) Nitrobenzene	9.240	77	73019	40.89	ng		97
25) Isophorone	9.757	82	119550	37.76	ng	#	92
26) 2-Nitrophenol	9.950	139	33400	43.21	ng		91
27) 2,4-Dimethylphenol	10.009	122	60076	50.56	ng		91
28) bis(2-Chloroethoxy)met...	10.238	93	66626	48.31	ng	#	91
29) 2,4-Dichlorophenol	10.491	162	58798	43.88	ng		96
30) 1,2,4-Trichlorobenzene	10.697	180	64428	41.46	ng		92
31) Naphthalene	10.891	128	172161	41.86	ng		97
32) Benzoic acid	10.250	122	5988m	8.60	ng		
33) 4-Chloroaniline	11.002	127	32148	18.79	ng		97
34) Hexachlorobutadiene	11.167	225	45692	39.61	ng		90
35) Caprolactam	11.778	113	19526m	42.88	ng		
36) 4-Chloro-3-methylphenol	12.130	107	67830	44.70	ng	#	96
37) 2-Methylnaphthalene	12.495	142	138755	42.22	ng		98
38) 1-Methylnaphthalene	12.712	142	127752	41.78	ng		100
40) 1,2,4,5-Tetrachloroben...	12.865	216	76860	42.74	ng		99
41) Hexachlorocyclopentadiene	12.835	237	55164	57.99	ng		91
43) 2,4,6-Trichlorophenol	13.106	196	47328	39.44	ng		86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.182	196	51617	40.50	ng		94
46) 1,1'-Biphenyl	13.499	154	187941	46.05	ng		98
47) 2-Chloronaphthalene	13.546	162	137258	44.03	ng		99
48) 2-Nitroaniline	13.752	65	51190	45.70	ng		95
49) Acenaphthylene	14.392	152	220054	45.25	ng		97
50) Dimethylphthalate	14.116	163	192161	46.37	ng		96
51) 2,6-Dinitrotoluene	14.245	165	43945	45.96	ng	#	77
52) Acenaphthene	14.733	154	137058	44.38	ng		98
53) 3-Nitroaniline	14.580	138	23332	25.42	ng		97
54) 2,4-Dinitrophenol	14.792	184	33378	59.60	ng		97
55) Dibenzofuran	15.068	168	224274	43.87	ng		97
56) 4-Nitrophenol	14.903	139	54876	80.70	ng		95
57) 2,4-Dinitrotoluene	15.033	165	60613	43.66	ng		96
58) Fluorene	15.714	166	189029	45.02	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.297	232	38016	32.24	ng	#	94
60) Diethylphthalate	15.479	149	199421	46.52	ng		98
61) 4-Chlorophenyl-phenyle...	15.703	204	105733	45.79	ng		94
62) 4-Nitroaniline	15.744	138	43192	44.02	ng		95
63) Azobenzene	15.996	77	189773	43.95	ng		92
65) 4,6-Dinitro-2-methylph...	15.802	198	34093	34.86	ng		96
66) n-Nitrosodiphenylamine	15.920	169	172876	41.87	ng		93
67) 4-Bromophenyl-phenylether	16.601	248	68261	40.60	ng		92
68) Hexachlorobenzene	16.719	284	69370	40.74	ng		97
69) Atrazine	16.866	200	75445	43.94	ng		97
70) Pentachlorophenol	17.072	266	45614	50.27	ng		91
71) Phenanthrene	17.459	178	319486	42.14	ng		98
72) Anthracene	17.553	178	326998	43.59	ng		99
73) Carbazole	17.824	167	299307	41.65	ng		99
74) Di-n-butylphthalate	18.364	149	366996	45.56	ng		98
75) Fluoranthene	19.469	202	409918	42.75	ng		99
77) Benzidine	19.645	184	214749	57.18	ng		98
78) Pyrene	19.833	202	404199	42.25	ng		98
80) Butylbenzylphthalate	20.708	149	159419	42.61	ng		95
81) Benzo(a)anthracene	21.678	228	394639	41.76	ng		96
82) 3,3'-Dichlorobenzidine	21.584	252	79902	24.66	ng		98
83) Chrysene	21.743	228	372777	41.41	ng		98
84) Bis(2-ethylhexyl)phtha...	21.560	149	230224	43.96	ng		98
85) Di-n-octyl phthalate	22.777	149	388985	43.62	ng		98
87) Indeno(1,2,3-cd)pyrene	28.705	276	436802	43.55	ng	#	95
88) Benzo(b)fluoranthene	23.916	252	406101	43.84	ng		95
89) Benzo(k)fluoranthene	23.987	252	379960	43.61	ng		98
90) Benzo(a)pyrene	24.804	252	383353	44.92	ng	#	97
91) Dibenzo(a,h)anthracene	28.758	278	368858	42.88	ng	#	95
92) Benzo(g,h,i)perylene	29.886	276	361756	42.60	ng		97

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

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