Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048815.D
Acq On : 21 Apr 2021 11:43
Operator : CG/JU
Sample : PB135874BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135874BS

Manual Integrations APPROVED
mohammad
4/22/2021 12:09:28 PM

Quant Time: Apr 21 15:18:39 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 20 17:33:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.061	152	17575	20.00	ng		# 0.00
21) Naphthalene-d8	10.887	136	73200	20.00	ng		0.00
39) Acenaphthene-d10	14.724	164	53817	20.00	ng		0.00
64) Phenanthrene-d10	17.479	188	132013	20.00	ng		# 0.00
76) Chrysene-d12	21.780	240	125726	20.00	ng		0.00
86) Perylene-d12	25.106	264	123933	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.611	112	155506	147.99	ng		0.00
7) Phenol-d6	7.226	99	196204	132.00	ng		0.00
23) Nitrobenzene-d5	9.236	82	145635	89.07	ng		0.00
42) 2,4,6-Tribromophenol	16.222	330	96841	134.21	ng		0.00
45) 2-Fluorobiphenyl	13.343	172	333475	89.48	ng		0.00
79) Terphenyl-d14	20.094	244	641407	87.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	14296	34.72	ng	#	88
3) Pyridine	3.866	79	42732	39.82	ng	#	86
4) n-Nitrosodimethylamine	3.778	42	36536	44.59	ng		93
6) Aniline	7.379	93	72065	43.20	ng		99
8) 2-Chlorophenol	7.626	128	59086	53.00	ng		95
9) Benzaldehyde	7.191	77	37984	38.57	ng		85
10) Phenol	7.256	94	77279	52.87	ng		98
11) bis(2-Chloroethyl)ether	7.467	93	48719	49.46	ng		95
12) 1,3-Dichlorobenzene	7.949	146	60574	47.26	ng		96
13) 1,4-Dichlorobenzene	8.096	146	59832	45.81	ng		90
14) 1,2-Dichlorobenzene	8.413	146	56861	47.18	ng		89
15) Benzyl Alcohol	8.302	79	62257	47.53	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.595	45	51452	48.19	ng		96
17) 2-Methylphenol	8.513	107	51301	54.98	ng		97
18) Hexachloroethane	9.154	117	23330	45.47	ng	#	84
19) n-Nitroso-di-n-propyla...	8.872	70	49837	49.70	ng		98
20) 3+4-Methylphenols	8.842	107	69557	54.03	ng		93
22) Acetophenone	8.889	105	91020	47.77	ng	#	97
24) Nitrobenzene	9.277	77	75737	46.44	ng		93
25) Isophorone	9.800	82	137258	47.47	ng		98
26) 2-Nitrophenol	9.994	139	33447	47.38	ng		88
27) 2,4-Dimethylphenol	10.053	122	63523	58.54	ng	#	84
28) bis(2-Chloroethoxy)met...	10.288	93	70108	55.66	ng	#	90
29) 2,4-Dichlorophenol	10.540	162	63904	52.22	ng		94
30) 1,2,4-Trichlorobenzene	10.752	180	65242	45.97	ng		98
31) Naphthalene	10.940	128	179394	47.76	ng		99
32) Benzoic acid	10.229	122	19851	31.22	ng	#	77
33) 4-Chloroaniline	11.046	127	39729	25.42	ng	#	92
34) Hexachlorobutadiene	11.222	225	46632	44.26	ng		96
35) Caprolactam	11.827	113	23005m	55.32	ng		
36) 4-Chloro-3-methylphenol	12.179	107	74494	53.75	ng		93
37) 2-Methylnaphthalene	12.550	142	144618	48.18	ng		95
38) 1-Methylnaphthalene	12.767	142	134017	47.99	ng		98
40) 1,2,4,5-Tetrachloroben...	12.914	216	82674	47.20	ng		97
41) Hexachlorocyclopentadiene	12.890	237	87704	90.94	ng		95
43) 2,4,6-Trichlorophenol	13.161	196	54120	46.29	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.231	196	59584	47.99	ng		90
46) 1,1'-Biphenyl	13.554	154	194670	48.97	ng		97
47) 2-Chloronaphthalene	13.601	162	146732	48.32	ng		100
48) 2-Nitroaniline	13.801	65	55989	51.31	ng		99
49) Acenaphthylene	14.447	152	246688	52.07	ng		95
50) Dimethylphthalate	14.171	163	206841	51.24	ng	#	96
51) 2,6-Dinitrotoluene	14.295	165	45298	48.64	ng		95
52) Acenaphthene	14.788	154	152596	50.72	ng		97
53) 3-Nitroaniline	14.630	138	28614	32.00	ng		90
54) 2,4-Dinitrophenol	14.841	184	44635	79.85	ng		98
55) Dibenzofuran	15.123	168	235828	47.35	ng	#	93
56) 4-Nitrophenol	14.953	139	65974	99.60	ng		97
57) 2,4-Dinitrotoluene	15.088	165	68276	50.48	ng	#	91
58) Fluorene	15.775	166	200162	48.94	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.352	232	55666	48.46	ng		96
60) Diethylphthalate	15.534	149	215949	51.71	ng		99
61) 4-Chlorophenyl-phenyle...	15.764	204	112074	49.83	ng		97
62) 4-Nitroaniline	15.799	138	43573	45.58	ng		85
63) Azobenzene	16.057	77	205020	48.75	ng		93
65) 4,6-Dinitro-2-methylph...	15.858	198	36431	41.22	ng		95
66) n-Nitrosodiphenylamine	15.981	169	187621	50.28	ng		95
67) 4-Bromophenyl-phenylether	16.662	248	71479	47.04	ng		94
68) Hexachlorobenzene	16.780	284	76014	49.39	ng		96
69) Atrazine	16.927	200	82015	52.86	ng		99
70) Pentachlorophenol	17.133	266	66456	81.03	ng		89
71) Phenanthrene	17.526	178	336884	49.17	ng		96
72) Anthracene	17.614	178	341791	50.41	ng		98
73) Carbazole	17.885	167	311509	47.97	ng		99
74) Di-n-butylphthalate	18.437	149	368280	50.59	ng		98
75) Fluoranthene	19.536	202	423597	48.89	ng		99
77) Benzidine	19.712	184	191648	56.13	ng		98
78) Pyrene	19.900	202	418439	48.11	ng		99
80) Butylbenzylphthalate	20.781	149	162429	47.75	ng		93
81) Benzo(a)anthracene	21.762	228	407642	47.45	ng		99
82) 3,3'-Dichlorobenzidine	21.668	252	93666	31.79	ng		99
83) Chrysene	21.827	228	379835	46.41	ng		99
84) Bis(2-ethylhexyl)phtha...	21.651	149	231371	48.59	ng		99
85) Di-n-octyl phthalate	22.896	149	396188	48.87	ng		100
87) Indeno(1,2,3-cd)pyrene	28.936	276	456161	50.12	ng	#	95
88) Benzo(b)fluoranthene	24.054	252	418036	49.72	ng		99
89) Benzo(k)fluoranthene	24.118	252	386741m	48.91	ng		
90) Benzo(a)pyrene	24.953	252	360800	46.58	ng		99
91) Dibenzo(a,h)anthracene	29.001	278	378356	48.46	ng	#	95
92) Benzo(g,h,i)perylene	30.129	276	377125	48.93	ng	#	97

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

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