Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048722.D
Acq On : 16 Apr 2021 12:50
Operator : CG/JU
Sample : PB135746BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB135746BSD

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:11 AM

Quant Time: Apr 16 14:40:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 12:19:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.080	152	26214	20.00	ng		0.00
21) Naphthalene-d8	10.912	136	113535	20.00	ng		# 0.00
39) Acenaphthene-d10	14.743	164	80436	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	189210	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	173483	20.00	ng		0.00
86) Perylene-d12	25.142	264	152192	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.630	112	181671	115.91	ng		0.00
7) Phenol-d6	7.245	99	239529	108.04	ng		0.00
23) Nitrobenzene-d5	9.255	82	149952	59.13	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	104865	97.23	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	336298	60.38	ng		0.00
79) Terphenyl-d14	20.107	244	629966	62.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.473	88	20984	34.17	ng		93
3) Pyridine	3.885	79	55910	34.93	ng		94
4) n-Nitrosodimethylamine	3.797	42	48395	39.60	ng		100
6) Aniline	7.398	93	72783	29.25	ng	#	93
8) 2-Chlorophenol	7.645	128	71339	42.90	ng		99
9) Benzaldehyde	7.210	77	28219	19.21	ng		93
10) Phenol	7.275	94	95127	43.64	ng		94
11) bis(2-Chloroethyl)ether	7.492	93	62177	42.32	ng		94
12) 1,3-Dichlorobenzene	7.962	146	75863	39.68	ng		95
13) 1,4-Dichlorobenzene	8.115	146	80992	41.57	ng		96
14) 1,2-Dichlorobenzene	8.432	146	74656	41.53	ng		93
15) Benzyl Alcohol	8.321	79	81677	41.81	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.609	45	66120	41.52	ng		97
17) 2-Methylphenol	8.532	107	64705	46.49	ng		92
18) Hexachloroethane	9.173	117	31169	40.73	ng		89
19) n-Nitroso-di-n-propyla...	8.891	70	61105	40.85	ng	#	92
20) 3+4-Methylphenols	8.861	107	87409	45.52	ng		94
22) Acetophenone	8.908	105	115332	39.03	ng		98
24) Nitrobenzene	9.296	77	97560	38.57	ng		92
25) Isophorone	9.819	82	165931	37.00	ng		98
26) 2-Nitrophenol	10.013	139	41317	37.74	ng		91
27) 2,4-Dimethylphenol	10.077	122	75500	44.86	ng		87
28) bis(2-Chloroethoxy)met...	10.301	93	85118	43.57	ng		93
29) 2,4-Dichlorophenol	10.553	162	77505	40.83	ng		97
30) 1,2,4-Trichlorobenzene	10.765	180	85400	38.80	ng		94
31) Naphthalene	10.959	128	222491	38.19	ng		98
32) Benzoic acid	10.236	122	34953	35.44	ng	#	65
33) 4-Chloroaniline	11.070	127	36270	14.96	ng		92
34) Hexachlorobutadiene	11.241	225	60881	37.26	ng		94
35) Caprolactam	11.846	113	25860m	40.09	ng		
36) 4-Chloro-3-methylphenol	12.198	107	87062	40.50	ng		94
37) 2-Methylnaphthalene	12.569	142	175901	37.78	ng		99
38) 1-Methylnaphthalene	12.786	142	165054	38.11	ng		98
40) 1,2,4,5-Tetrachloroben...	12.933	216	103473	39.52	ng		99
41) Hexachlorocyclopentadiene	12.909	237	91113	64.99	ng		93
43) 2,4,6-Trichlorophenol	13.174	196	68720	39.33	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	73871	39.81	ng		94
46) 1,1'-Biphenyl	13.567	154	237976	40.05	ng		97
47) 2-Chloronaphthalene	13.620	162	175607	38.69	ng		98
48) 2-Nitroaniline	13.820	65	66554	40.81	ng		100
49) Acenaphthylene	14.466	152	290883	41.08	ng		96
50) Dimethylphthalate	14.190	163	238439	39.52	ng		98
51) 2,6-Dinitrotoluene	14.314	165	52461	37.69	ng		95
52) Acenaphthene	14.807	154	181539	40.37	ng		98
53) 3-Nitroaniline	14.649	138	32908	24.63	ng		96
54) 2,4-Dinitrophenol	14.854	184	59775	72.10	ng		100
55) Dibenzofuran	15.142	168	279797	37.59	ng		98
56) 4-Nitrophenol	14.966	139	82479	83.31	ng		98
57) 2,4-Dinitrotoluene	15.107	165	78688	38.93	ng		93
58) Fluorene	15.788	166	236032	38.61	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.371	232	67981	39.60	ng		97
60) Diethylphthalate	15.553	149	249567	39.98	ng		98
61) 4-Chlorophenyl-phenyle...	15.777	204	130322	38.77	ng		94
62) 4-Nitroaniline	15.818	138	55166	38.61	ng		97
63) Azobenzene	16.070	77	239370	38.08	ng		92
65) 4,6-Dinitro-2-methylph...	15.871	198	46217	36.49	ng		95
66) n-Nitrosodiphenylamine	15.994	169	207520	38.80	ng		95
67) 4-Bromophenyl-phenylether	16.676	248	86472	39.71	ng		96
68) Hexachlorobenzene	16.799	284	88591	40.16	ng		98
69) Atrazine	16.946	200	87475	39.34	ng		97
70) Pentachlorophenol	17.151	266	93775	79.78	ng		98
71) Phenanthrene	17.545	178	386011	39.31	ng		96
72) Anthracene	17.633	178	396357	40.79	ng		97
73) Carbazole	17.904	167	361929	38.88	ng		96
74) Di-n-butylphthalate	18.450	149	444068	42.56	ng		99
75) Fluoranthene	19.555	202	487206	39.23	ng		99
77) Benzidine	19.731	184	116810	24.79	ng		99
78) Pyrene	19.919	202	482563	40.21	ng		98
80) Butylbenzylphthalate	20.794	149	188624	40.19	ng		93
81) Benzo(a)anthracene	21.781	228	463707	39.12	ng		97
82) 3,3'-Dichlorobenzidine	21.687	252	115770	28.48	ng		98
83) Chrysene	21.852	228	428582	37.95	ng		99
84) Bis(2-ethylhexyl)phtha...	21.670	149	265559	40.42	ng		97
85) Di-n-octyl phthalate	22.921	149	439096	39.26	ng		99
87) Indeno(1,2,3-cd)pyrene	29.002	276	507430	45.40	ng	#	97
88) Benzo(b)fluoranthene	24.084	252	470402	45.56	ng		98
89) Benzo(k)fluoranthene	24.149	252	413937	42.63	ng		99
90) Benzo(a)pyrene	24.989	252	402073	42.27	ng		96
91) Dibenzo(a,h)anthracene	29.073	278	430148	44.87	ng	#	99
92) Benzo(g,h,i)perylene	30.201	276	421504	44.54	ng		99

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

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