Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041921\
Data File : BG048763.D
Acq On : 19 Apr 2021 12:36
Operator : CG/JU
Sample : PB135806BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 19 13:39:06 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 15:59:00 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB135806BSD

Manual Integrations APPROVED
mohammad
4/21/2021 8:36:12 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.076	152	26673	20.00	ng		0.00
21) Naphthalene-d8	10.908	136	107518	20.00	ng		0.00
39) Acenaphthene-d10	14.739	164	78632	20.00	ng		0.00
64) Phenanthrene-d10	17.494	188	192107	20.00	ng		# 0.00
76) Chrysene-d12	21.795	240	177088	20.00	ng		# 0.00
86) Perylene-d12	25.138	264	152981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.626	112	190485	119.44	ng		0.00
7) Phenol-d6	7.247	99	246953	109.47	ng		0.00
23) Nitrobenzene-d5	9.251	82	155680	64.82	ng		0.00
42) 2,4,6-Tribromophenol	16.231	330	100100	94.95	ng		0.00
45) 2-Fluorobiphenyl	13.358	172	331772	60.93	ng		0.00
79) Terphenyl-d14	20.103	244	617917	60.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.475	88	22314	35.71	ng	#	94
3) Pyridine	3.881	79	59361	36.45	ng	#	85
4) n-Nitrosodimethylamine	3.793	42	49974	40.19	ng		96
6) Aniline	7.400	93	75559	29.84	ng		95
8) 2-Chlorophenol	7.641	128	74260	43.89	ng		97
9) Benzaldehyde	7.206	77	19628	13.13	ng		96
10) Phenol	7.271	94	99649	44.92	ng		95
11) bis(2-Chloroethyl)ether	7.488	93	63114	42.22	ng		95
12) 1,3-Dichlorobenzene	7.964	146	79430	40.83	ng		93
13) 1,4-Dichlorobenzene	8.111	146	80415	40.57	ng		95
14) 1,2-Dichlorobenzene	8.434	146	76185	41.65	ng		93
15) Benzyl Alcohol	8.317	79	85816	43.17	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.605	45	73670	45.46	ng		92
17) 2-Methylphenol	8.528	107	63201	44.63	ng		96
18) Hexachloroethane	9.175	117	30002	38.53	ng		91
19) n-Nitroso-di-n-propyla...	8.887	70	62778	41.25	ng		95
20) 3+4-Methylphenols	8.863	107	85802	43.91	ng		95
22) Acetophenone	8.904	105	116275	41.55	ng	#	99
24) Nitrobenzene	9.298	77	98932	41.30	ng		99
25) Isophorone	9.815	82	168672	39.72	ng		98
26) 2-Nitrophenol	10.015	139	41277	39.81	ng		95
27) 2,4-Dimethylphenol	10.068	122	76600	48.06	ng		87
28) bis(2-Chloroethoxy)met...	10.303	93	86384	46.69	ng	#	90
29) 2,4-Dichlorophenol	10.555	162	76040	42.30	ng		97
30) 1,2,4-Trichlorobenzene	10.767	180	83561	40.09	ng		95
31) Naphthalene	10.955	128	226684	41.09	ng		98
32) Benzoic acid	10.250	122	26423	28.29	ng	#	67
33) 4-Chloroaniline	11.066	127	37601	16.38	ng	#	94
34) Hexachlorobutadiene	11.237	225	60934	39.38	ng		95
35) Caprolactam	11.848	113	26581m	43.52	ng		
36) 4-Chloro-3-methylphenol	12.200	107	84887	41.70	ng	#	93
37) 2-Methylnaphthalene	12.565	142	177303	40.22	ng		97
38) 1-Methylnaphthalene	12.782	142	164084	40.00	ng		100
40) 1,2,4,5-Tetrachloroben...	12.929	216	100571	39.30	ng		98
41) Hexachlorocyclopentadiene	12.906	237	91173	66.39	ng		95
43) 2,4,6-Trichlorophenol	13.170	196	67137	39.30	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	72059	39.73	ng		92
46) 1,1'-Biphenyl	13.569	154	234928	40.45	ng		100
47) 2-Chloronaphthalene	13.616	162	177669	40.04	ng		98
48) 2-Nitroaniline	13.816	65	68047	42.68	ng		96
49) Acenaphthylene	14.463	152	288180	41.63	ng		97
50) Dimethylphthalate	14.186	163	233182	39.53	ng	#	99
51) 2,6-Dinitrotoluene	14.310	165	52395	38.50	ng		99
52) Acenaphthene	14.803	154	179014	40.73	ng		98
53) 3-Nitroaniline	14.645	138	31121	23.82	ng		94
54) 2,4-Dinitrophenol	14.856	184	54598	67.71	ng		94
55) Dibenzofuran	15.138	168	273945	37.65	ng		97
56) 4-Nitrophenol	14.968	139	78872	81.49	ng		95
57) 2,4-Dinitrotoluene	15.103	165	75642	38.28	ng		93
58) Fluorene	15.784	166	232434	38.90	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.367	232	61078	36.39	ng		98
60) Diethylphthalate	15.549	149	244662	40.10	ng		99
61) 4-Chlorophenyl-phenyle...	15.773	204	132127	40.21	ng		99
62) 4-Nitroaniline	15.814	138	50481	36.14	ng		90
63) Azobenzene	16.072	77	242761	39.51	ng		95
65) 4,6-Dinitro-2-methylph...	15.867	198	43556	33.87	ng		91
66) n-Nitrosodiphenylamine	15.990	169	207466	38.21	ng		97
67) 4-Bromophenyl-phenylether	16.672	248	82247	37.20	ng		96
68) Hexachlorobenzene	16.795	284	86268	38.52	ng		94
69) Atrazine	16.942	200	87198	38.62	ng		95
70) Pentachlorophenol	17.148	266	76948	64.48	ng		97
71) Phenanthrene	17.535	178	389739	39.09	ng		96
72) Anthracene	17.629	178	387622	39.29	ng		97
73) Carbazole	17.900	167	352870	37.34	ng		97
74) Di-n-butylphthalate	18.446	149	431820	40.76	ng		98
75) Fluoranthene	19.551	202	487837	38.69	ng		99
77) Benzidine	19.727	184	103152	21.45	ng		98
78) Pyrene	19.909	202	471253	38.46	ng		98
80) Butylbenzylphthalate	20.790	149	193081	40.30	ng		98
81) Benzo(a)anthracene	21.772	228	478408	39.53	ng		96
82) 3,3'-Dichlorobenzidine	21.683	252	118049	28.45	ng		99
83) Chrysene	21.842	228	432645	37.53	ng		98
84) Bis(2-ethylhexyl)phtha...	21.660	149	276057	41.16	ng		98
85) Di-n-octyl phthalate	22.917	149	467191	40.92	ng		99
87) Indeno(1,2,3-cd)pyrene	28.987	276	534676	47.59	ng		95
88) Benzo(b)fluoranthene	24.069	252	487920	47.01	ng	#	94
89) Benzo(k)fluoranthene	24.145	252	433597	44.43	ng		100
90) Benzo(a)pyrene	24.980	252	425972	44.55	ng		99
91) Dibenzo(a,h)anthracene	29.045	278	447485	46.44	ng	#	94
92) Benzo(g,h,i)perylene	30.179	276	436195	45.85	ng		97

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

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