Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040669.D
Acq On : 29 Apr 2019 19:49
Operator : JU/SJ
Sample : PB119049BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119049BS

Manual Integrations APPROVED
Sohil
4/30/2019 6:44:47 PM

Quant Time: Apr 30 04:06:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44668	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	177902	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	123432	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	331531	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	388195	20.00	ng		-0.01
87) Perylene-d12	25.18	264	378376	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	219976	86.81	ng		0.00
7) Phenol-d6	7.29	99	317433	81.36	ng		0.00
23) Nitrobenzene-d5	9.33	82	300694	78.10	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	147953	87.21	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	627008	73.36	ng		-0.01
79) Terphenyl-d14	20.12	244	1328202	75.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	49910	43.309	ng		92
3) Pyridine	3.96	79	123194	36.881	ng		94
4) n-Nitrosodimethylamine	3.87	42	69533	37.530	ng		87
6) Aniline	7.47	93	128811	24.908	ng		96
8) 2-Chlorophenol	7.71	128	126341	40.833	ng		94
9) Benzaldehyde	7.29	77	32369	9.378	ng		94
10) Phenol	7.32	94	181201	43.205	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	117773	37.447	ng		97
12) 1,3-Dichlorobenzene	8.03	146	131976	39.079	ng		99
13) 1,4-Dichlorobenzene	8.19	146	135309	39.523	ng		98
14) 1,2-Dichlorobenzene	8.51	146	126612	38.349	ng		96
15) Benzyl Alcohol	8.39	79	149601	36.851	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	221202	35.327	ng		98
17) 2-Methylphenol	8.58	107	122179	41.165	ng		93
18) Hexachloroethane	9.24	117	51607	36.748	ng		95
19) n-Nitroso-di-n-propylamine	8.96	70	118185	33.650	ng		97
20) 3+4-Methylphenols	8.91	107	165836	40.108	ng		99
22) Acetophenone	8.98	105	202106	40.854	ng	#	97
24) Nitrobenzene	9.37	77	177453	43.198	ng		97
25) Isophorone	9.89	82	322545	37.609	ng		96
26) 2-Nitrophenol	10.09	139	69876	47.454	ng		98
27) 2,4-Dimethylphenol	10.12	122	134728	48.764	ng		95
28) bis(2-Chloroethoxy)methane	10.37	93	170595	39.647	ng		95
29) 2,4-Dichlorophenol	10.61	162	141336	44.997	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	144703	41.544	ng		96
31) Naphthalene	11.03	128	384683	40.701	ng		98
32) Benzoic acid	10.24	122	93264	49.310	ng		94
33) 4-Chloroaniline	11.13	127	82057	19.582	ng		97
34) Hexachlorobutadiene	11.30	225	106437	41.391	ng		94
35) Caprolactam	11.91	113	48431m	39.055	ng		
36) 4-Chloro-3-methylphenol	12.23	107	170938	43.140	ng		96
37) 2-Methylnaphthalene	12.62	142	289985	41.036	ng		100
38) 1-Methylnaphthalene	12.84	142	272167	39.403	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	191555	41.659	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	241230	88.907	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	129667	46.665	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	142282	47.005	ng		99
46) 1,1'-Biphenyl	13.62	154	385922	40.270	ng		94
47) 2-Chloronaphthalene	13.66	162	308711	41.162	ng		100
48) 2-Nitroaniline	13.87	65	135948	50.923	ng		96
49) Acenaphthylene	14.51	152	500932	39.368	ng		99
50) Dimethylphthalate	14.23	163	428099	41.453	ng		99
51) 2,6-Dinitrotoluene	14.36	165	94609	46.939	ng		94
52) Acenaphthene	14.84	154	296244	39.978	ng		95
53) 3-Nitroaniline	14.69	138	68192	33.020	ng		85
54) 2,4-Dinitrophenol	14.89	184	103800	90.320	ng	#	83
55) Dibenzofuran	15.18	168	502083	41.367	ng		98
56) 4-Nitrophenol	14.97	139	170222	95.057	ng		95
57) 2,4-Dinitrotoluene	15.14	165	137555	50.224	ng		97
58) Fluorene	15.83	166	402814	41.061	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.40	232	153719	50.454	ng		98
60) Diethylphthalate	15.58	149	450186	41.316	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	245134	42.963	ng		97
62) 4-Nitroaniline	15.85	138	106276	46.004	ng		98
63) Azobenzene	16.11	77	454808	40.530	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	73992	45.695	ng		97
66) n-Nitrosodiphenylamine	16.03	169	375737	38.521	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	162891	39.437	ng		99
68) Hexachlorobenzene	16.82	284	169218	39.621	ng		99
69) Atrazine	16.97	200	241309	62.443	ng		98
70) Pentachlorophenol	17.16	266	228179	91.302	ng		99
71) Phenanthrene	17.57	178	735416	41.183	ng		99
72) Anthracene	17.66	178	747522	41.646	ng		98
73) Carbazole	17.93	167	684961	41.885	ng		99
74) Di-n-butylphthalate	18.47	149	832332	42.169	ng		99
75) Fluoranthene	19.57	202	994349	44.684	ng		99
77) Benzidine	19.75	184	374339	35.219	ng		100
78) Pyrene	19.93	202	1002444	41.201	ng		99
80) Butylbenzylphthalate	20.80	149	393977	41.546	ng		98
81) Benzo(a)anthracene	21.79	228	959538	39.110	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	226619	25.915	ng	#	96
83) Chrysene	21.86	228	937657	40.186	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	537968	39.301	ng		98
85) Di-n-octyl phthalate	22.93	149	919734	39.896	ng		99
86) Indeno(1,2,3-cd)pyrene	29.06	276	1137500	40.322	ng	#	92
88) Benzo(b)fluoranthene	24.10	252	978922	42.337	ng		99
89) Benzo(k)fluoranthene	24.17	252	941989	43.623	ng		98
90) Benzo(a)pyrene	25.02	252	950911	43.447	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	920629	41.566	ng		98
92) Benzo(g,h,i)perylene	30.28	276	926559	42.034	ng		99

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

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