Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
Data File : BG042957.D
Acq On : 1 Oct 2019 1:18
Operator : JU
Sample : K5054-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PAT-091019-BMS

Manual Integrations APPROVED
mohammad
10/2/2019 8:33:23 AM

Quant Time: Oct 01 08:07:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	63752	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	240227	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	180014	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	449391	20.00	ng		0.00
76) Chrysene-d12	21.70	240	493895	20.00	ng		-0.01
87) Perylene-d12	24.93	264	572559	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	482788	135.15	ng		0.00
7) Phenol-d6	7.25	99	716162	139.21	ng		0.00
23) Nitrobenzene-d5	9.23	82	444353	89.91	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	445247	143.84	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1113006	89.63	ng		0.00
79) Terphenyl-d14	20.04	244	2198232	94.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	52454	35.218	ng		96
3) Pyridine	3.95	79	107906	25.759	ng		98
4) n-Nitrosodimethylamine	3.86	42	88621	43.992	ng	#	96
6) Aniline	7.40	93	117413	18.908	ng		97
8) 2-Chlorophenol	7.64	128	177645	47.684	ng		98
9) Benzaldehyde	7.21	77	132252	42.071	ng		93
10) Phenol	7.27	94	239252	50.692	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	154625	42.342	ng		94
12) 1,3-Dichlorobenzene	7.96	146	182319	38.363	ng		95
13) 1,4-Dichlorobenzene	8.11	146	186625	39.392	ng		99
14) 1,2-Dichlorobenzene	8.43	146	178585	39.594	ng		93
15) Benzyl Alcohol	8.31	79	181697	46.978	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	269471	38.424	ng		99
17) 2-Methylphenol	8.52	107	156446	47.372	ng		98
18) Hexachloroethane	9.16	117	69851	39.148	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	145493	43.072	ng		98
20) 3+4-Methylphenols	8.85	107	217240m	48.001	ng		
22) Acetophenone	8.89	105	275947	44.563	ng		97
24) Nitrobenzene	9.28	77	215774	45.770	ng		97
25) Isophorone	9.80	82	399252	45.989	ng		97
26) 2-Nitrophenol	9.99	139	98930	49.295	ng		97
27) 2,4-Dimethylphenol	10.06	122	176098	57.138	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	220709	44.808	ng		97
29) 2,4-Dichlorophenol	10.54	162	202593	52.854	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	215121	43.459	ng		97
31) Naphthalene	10.93	128	539730	45.641	ng		99
32) Benzoic acid	10.20	122	127400	52.163	ng		92
33) 4-Chloroaniline	11.04	127	80113	15.612	ng		99
34) Hexachlorobutadiene	11.21	225	153467	41.407	ng		96
35) Caprolactam	11.82	113	65446m	48.417	ng		
36) 4-Chloro-3-methylphenol	12.16	107	227233	54.523	ng		93
37) 2-Methylnaphthalene	12.52	142	418349	46.373	ng		95
38) 1-Methylnaphthalene	12.74	142	395577	46.341	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	279028	41.225	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	383045	88.822	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	193010	48.721	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	209651	51.372	ng		97
46) 1,1'-Biphenyl	13.53	154	578806	42.399	ng		99
47) 2-Chloronaphthalene	13.57	162	449167	43.885	ng		98
48) 2-Nitroaniline	13.77	65	164513	48.335	ng		93
49) Acenaphthylene	14.42	152	730745	46.660	ng		99
50) Dimethylphthalate	14.15	163	681108	50.498	ng		99
51) 2,6-Dinitrotoluene	14.26	165	143025	49.794	ng		91
52) Acenaphthene	14.76	154	463902	44.254	ng		99
53) 3-Nitroaniline	14.59	138	65717	22.139	ng	#	95
54) 2,4-Dinitrophenol	14.79	184	201710	112.979	ng		96
55) Dibenzofuran	15.09	168	726330	46.839	ng		98
56) 4-Nitrophenol	14.91	139	242052	107.021	ng		97
57) 2,4-Dinitrotoluene	15.05	165	204791	48.687	ng		96
58) Fluorene	15.74	166	624961	47.205	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	213601	49.157	ng		99
60) Diethylphthalate	15.51	149	633440	46.147	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	360861	45.448	ng		99
62) 4-Nitroaniline	15.76	138	148862	45.982	ng		96
63) Azobenzene	16.02	77	567707	45.427	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	141146	55.505	ng		96
66) n-Nitrosodiphenylamine	15.94	169	559782	47.186	ng		97
67) 4-Bromophenyl-phenylether	16.62	248	257744	45.697	ng		95
68) Hexachlorobenzene	16.74	284	278851	44.402	ng		98
69) Atrazine	16.89	200	220276	44.094	ng		94
70) Pentachlorophenol	17.08	266	387025	106.802	ng		98
71) Phenanthrene	17.48	178	1014212	46.228	ng		99
72) Anthracene	17.57	178	1042598	47.602	ng		99
73) Carbazole	17.84	167	968162	47.668	ng		99
74) Di-n-butylphthalate	18.39	149	1118431	46.153	ng		99
75) Fluoranthene	19.48	202	1368379	47.155	ng		100
77) Benzidine	19.66	184	340986	27.573	ng		100
78) Pyrene	19.84	202	1395556	47.341	ng		99
80) Butylbenzylphthalate	20.73	149	535691	47.875	ng		98
81) Benzo(a)anthracene	21.68	228	1432597	46.552	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	350421	29.032	ng		97
83) Chrysene	21.75	228	1387857	46.472	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	756710	47.527	ng		98
85) Di-n-octyl phthalate	22.81	149	1271306	48.830	ng		99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1808600	48.647	ng	#	96
88) Benzo(b)fluoranthene	23.91	252	1519783	46.911	ng		98
89) Benzo(k)fluoranthene	23.98	252	1510834	47.141	ng		99
90) Benzo(a)pyrene	24.78	252	1491936	48.812	ng		100
91) Dibenzo(a,h)anthracene	28.67	278	1518470	48.448	ng		99
92) Benzo(g,h,i)perylene	29.76	276	1492700	49.154	ng		96

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

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