Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041799.D
Acq On : 30 Jul 2019 12:05
Operator : HP/JU
Sample : PB121731BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121731BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:50 PM

Quant Time: Jul 31 01:49:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	93789	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	387000	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	286290	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	657620	20.00	ng		0.00
76) Chrysene-d12	21.74	240	655188	20.00	ng		0.00
87) Perylene-d12	25.01	264	748824	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	625321	129.72	ng		0.00
7) Phenol-d6	7.20	99	866575	133.34	ng		0.00
23) Nitrobenzene-d5	9.21	82	492238	87.53	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	452740	139.22	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1359833	83.77	ng		0.00
79) Terphenyl-d14	20.06	244	2288600	79.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	79943	35.234	ng		90
3) Pyridine	3.87	79	170848	27.459	ng		90
4) n-Nitrosodimethylamine	3.78	42	90526	36.703	ng		87
6) Aniline	7.36	93	276832	30.252	ng		97
8) 2-Chlorophenol	7.60	128	238069	43.129	ng		95
9) Benzaldehyde	7.17	77	38092	8.330	ng		97
10) Phenol	7.22	94	292778	43.304	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	210728	37.913	ng		93
12) 1,3-Dichlorobenzene	7.94	146	256300	35.576	ng		99
13) 1,4-Dichlorobenzene	8.08	146	258455	35.853	ng		96
14) 1,2-Dichlorobenzene	8.40	146	251569	36.573	ng		94
15) Benzyl Alcohol	8.28	79	207290	40.543	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	358935	36.297	ng		97
17) 2-Methylphenol	8.48	107	205929	41.881	ng		96
18) Hexachloroethane	9.14	117	89923	36.427	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	177514	37.623	ng		92
20) 3+4-Methylphenols	8.81	107	283070	42.069	ng		98
22) Acetophenone	8.87	105	350243	40.461	ng	#	91
24) Nitrobenzene	9.25	77	250769	42.327	ng		100
25) Isophorone	9.78	82	493047	40.303	ng		98
26) 2-Nitrophenol	9.97	139	132257	48.099	ng		95
27) 2,4-Dimethylphenol	10.03	122	237159	48.869	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	294388	38.508	ng		98
29) 2,4-Dichlorophenol	10.51	162	266893	45.161	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	289838	38.675	ng		99
31) Naphthalene	10.92	128	720023	40.652	ng		98
32) Benzoic acid	10.16	122	132761	40.059	ng		96
33) 4-Chloroaniline	11.02	127	207940	24.756	ng		96
34) Hexachlorobutadiene	11.22	225	187923	37.154	ng		98
35) Caprolactam	11.78	113	94915m	46.214	ng		
36) 4-Chloro-3-methylphenol	12.14	107	267677	45.686	ng		95
37) 2-Methylnaphthalene	12.53	142	582586	41.555	ng		99
38) 1-Methylnaphthalene	12.75	142	551316	41.496	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	364642	40.237	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	439497	86.259	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	246343	43.009	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	270657	45.472	ng		95
46) 1,1'-Biphenyl	13.54	154	756629	41.113	ng		97
47) 2-Chloronaphthalene	13.58	162	611289	39.014	ng		97
48) 2-Nitroaniline	13.77	65	176787	44.487	ng		88
49) Acenaphthylene	14.42	152	977320	41.698	ng		97
50) Dimethylphthalate	14.15	163	831916	42.548	ng		99
51) 2,6-Dinitrotoluene	14.27	165	195850	47.903	ng		90
52) Acenaphthene	14.77	154	689221	45.213	ng		98
53) 3-Nitroaniline	14.59	138	145849	33.345	ng	#	90
54) 2,4-Dinitrophenol	14.80	184	230745	89.190	ng		87
55) Dibenzofuran	15.10	168	983247	42.170	ng		94
56) 4-Nitrophenol	14.90	139	331076	99.719	ng		97
57) 2,4-Dinitrotoluene	15.05	165	279206	49.659	ng		95
58) Fluorene	15.75	166	787782	42.102	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	277382	47.053	ng		93
60) Diethylphthalate	15.52	149	825225	42.990	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	470542	41.192	ng		95
62) 4-Nitroaniline	15.76	138	202917	42.832	ng		99
63) Azobenzene	16.04	77	657088	41.904	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	152288	47.412	ng		88
66) n-Nitrosodiphenylamine	15.96	169	754768	42.135	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	324398	40.046	ng		97
68) Hexachlorobenzene	16.76	284	335340	39.570	ng		92
69) Atrazine	16.90	200	310075	44.056	ng		99
70) Pentachlorophenol	17.10	266	452163	93.921	ng		99
71) Phenanthrene	17.50	178	1334708	42.343	ng		97
72) Anthracene	17.59	178	1368729	43.538	ng		96
73) Carbazole	17.86	167	1236340	43.816	ng		96
74) Di-n-butylphthalate	18.42	149	1422267	44.461	ng		96
75) Fluoranthene	19.51	202	1679899	43.844	ng		95
77) Benzidine	19.68	184	703303	32.887	ng		97
78) Pyrene	19.86	202	1668827	42.990	ng		96
80) Butylbenzylphthalate	20.76	149	674366	45.310	ng		88
81) Benzo(a)anthracene	21.72	228	1602301	41.335	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	524575	33.705	ng		96
83) Chrysene	21.79	228	1589642	42.781	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	915398	44.588	ng		98
85) Di-n-octyl phthalate	22.87	149	1571507	45.484	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2100678	42.706	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	1803869m	44.035	ng		
89) Benzo(k)fluoranthene	24.04	252	1763407	44.192	ng	#	96
90) Benzo(a)pyrene	24.86	252	1789213	45.542	ng	#	97
91) Dibenzo(a,h)anthracene	28.83	278	1723058	44.666	ng	#	97
92) Benzo(g,h,i)perylene	29.92	276	1750253	45.413	ng	#	95

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

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