Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041797.D
Acq On : 30 Jul 2019 10:49
Operator : HP/JU
Sample : PB121767BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121767BSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:47 PM

Quant Time: Jul 31 01:41:27 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	8.05	152	102527	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	407923	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	296337	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	661755	20.00	ng		0.00
76) Chrysene-d12	21.74	240	654656	20.00	ng		0.00
87) Perylene-d12	25.02	264	750802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	656727	124.62	ng		0.00
7) Phenol-d6	7.20	99	899296	126.58	ng		0.00
23) Nitrobenzene-d5	9.21	82	524816	88.54	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	460004	136.66	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1400125	83.33	ng		0.00
79) Terphenyl-d14	20.07	244	2273579	79.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	86532	34.888	ng		91
3) Pyridine	3.86	79	184342	27.103	ng		93
4) n-Nitrosodimethylamine	3.78	42	94854	35.180	ng		88
6) Aniline	7.36	93	292845	29.274	ng		94
8) 2-Chlorophenol	7.61	128	252079	41.775	ng		94
9) Benzaldehyde	7.17	77	39330	7.868	ng		87
10) Phenol	7.22	94	305469	41.330	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	221412	36.440	ng		91
12) 1,3-Dichlorobenzene	7.94	146	273654	34.747	ng		97
13) 1,4-Dichlorobenzene	8.08	146	276945	35.144	ng		95
14) 1,2-Dichlorobenzene	8.41	146	264978	35.239	ng		95
15) Benzyl Alcohol	8.28	79	219601	39.291	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.58	45	379691	35.124	ng		97
17) 2-Methylphenol	8.49	107	218379	40.628	ng		97
18) Hexachloroethane	9.14	117	96005	35.576	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	189178	36.678	ng		91
20) 3+4-Methylphenols	8.81	107	303104	41.207	ng		97
22) Acetophenone	8.87	105	366353	40.152	ng	#	92
24) Nitrobenzene	9.25	77	262992	42.113	ng		98
25) Isophorone	9.78	82	511211	39.645	ng		99
26) 2-Nitrophenol	9.97	139	139313	48.067	ng		96
27) 2,4-Dimethylphenol	10.03	122	252007	49.265	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	310133	38.487	ng		99
29) 2,4-Dichlorophenol	10.51	162	280403	45.013	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	307019	38.866	ng		98
31) Naphthalene	10.92	128	747840	40.057	ng		98
32) Benzoic acid	10.16	122	146921	41.622	ng		95
33) 4-Chloroaniline	11.02	127	217283	24.542	ng		96
34) Hexachlorobutadiene	11.21	225	202869	38.052	ng		99
35) Caprolactam	11.79	113	96702m	44.669	ng		
36) 4-Chloro-3-methylphenol	12.14	107	278418	45.082	ng		98
37) 2-Methylnaphthalene	12.53	142	610164	41.290	ng		100
38) 1-Methylnaphthalene	12.75	142	581275	41.507	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	378259	40.325	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	462600	87.715	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	256712	43.300	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	278202	45.155	ng		95
46) 1,1'-Biphenyl	13.54	154	783277	41.118	ng		97
47) 2-Chloronaphthalene	13.58	162	631933	38.964	ng		97
48) 2-Nitroaniline	13.77	65	180114	43.787	ng		87
49) Acenaphthylene	14.42	152	1002441	41.320	ng		98
50) Dimethylphthalate	14.15	163	848759	41.938	ng		99
51) 2,6-Dinitrotoluene	14.26	165	197518	46.673	ng		90
52) Acenaphthene	14.77	154	708023	44.872	ng		99
53) 3-Nitroaniline	14.59	138	146292	32.313	ng	#	92
54) 2,4-Dinitrophenol	14.80	184	234185	87.940	ng		90
55) Dibenzofuran	15.10	168	999529	41.415	ng		95
56) 4-Nitrophenol	14.90	139	333938	97.171	ng		93
57) 2,4-Dinitrotoluene	15.06	165	281651	48.395	ng		91
58) Fluorene	15.75	166	808512	41.744	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	286072	46.881	ng		94
60) Diethylphthalate	15.52	149	832025	41.874	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	482998	40.849	ng		97
62) 4-Nitroaniline	15.76	138	205585	41.924	ng		97
63) Azobenzene	16.04	77	665586	41.007	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	155329	47.964	ng		88
66) n-Nitrosodiphenylamine	15.96	169	769929	42.713	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	330110	40.497	ng		97
68) Hexachlorobenzene	16.76	284	338853	39.734	ng		97
69) Atrazine	16.91	200	311643	44.002	ng		99
70) Pentachlorophenol	17.10	266	454019	93.717	ng		97
71) Phenanthrene	17.50	178	1342523	42.324	ng		96
72) Anthracene	17.59	178	1381687	43.675	ng		95
73) Carbazole	17.85	167	1239149	43.641	ng		96
74) Di-n-butylphthalate	18.42	149	1419890	44.110	ng		96
75) Fluoranthene	19.50	202	1677358	43.504	ng		94
77) Benzidine	19.68	184	716382	33.526	ng		98
78) Pyrene	19.87	202	1674262	43.165	ng		95
80) Butylbenzylphthalate	20.76	149	667790	44.905	ng		92
81) Benzo(a)anthracene	21.72	228	1607369	41.499	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	534567	34.375	ng		97
83) Chrysene	21.78	228	1582359	42.619	ng		95
84) Bis(2-ethylhexyl)phthalate	21.64	149	910559	44.388	ng		100
85) Di-n-octyl phthalate	22.88	149	1564694	45.323	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	2100032	42.728	ng	#	91
88) Benzo(b)fluoranthene	23.98	252	1833738m	44.647	ng		
89) Benzo(k)fluoranthene	24.05	252	1733474	43.328	ng	#	97
90) Benzo(a)pyrene	24.86	252	1777434	45.123	ng	#	96
91) Dibenzo(a,h)anthracene	28.83	278	1724321	44.581	ng	#	96
92) Benzo(g,h,i)perylene	29.92	276	1755754	45.435	ng		97

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

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