Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042688.D
Acq On : 3 Sep 2019 14:39
Operator : HP/JU
Sample : PB122741BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122741BS

Manual Integrations APPROVED
mohammad
9/6/2019 8:17:26 AM

Quant Time: Sep 04 04:38:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	27895	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	111629	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	83292	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	201523	20.00	ng		0.00
76) Chrysene-d12	21.69	240	222817	20.00	ng		0.00
87) Perylene-d12	24.93	264	260508	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	169938	123.38	ng		0.00
7) Phenol-d6	7.16	99	207649	111.61	ng		0.00
23) Nitrobenzene-d5	9.16	82	111040	68.74	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	150261	126.92	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	375140	76.17	ng		0.00
79) Terphenyl-d14	20.02	244	782388	75.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	22716	39.521	ng		96
3) Pyridine	3.82	79	49627	33.671	ng		96
4) n-Nitrosodimethylamine	3.73	42	23757	45.129	ng		99
6) Aniline	7.31	93	71938	28.990	ng		99
8) 2-Chlorophenol	7.56	128	77622	46.502	ng		96
9) Benzaldehyde	7.12	77	42099	45.198	ng		98
10) Phenol	7.19	94	81449	43.058	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	61085	41.118	ng		91
12) 1,3-Dichlorobenzene	7.89	146	90454	42.597	ng		97
13) 1,4-Dichlorobenzene	8.03	146	91280	42.438	ng		94
14) 1,2-Dichlorobenzene	8.35	146	87293	42.379	ng		99
15) Benzyl Alcohol	8.24	79	57133	42.684	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	74024	36.763	ng		98
17) 2-Methylphenol	8.45	107	58547	42.021	ng		95
18) Hexachloroethane	9.09	117	30549	41.487	ng		93
19) n-Nitroso-di-n-propylamine	8.80	70	44916	37.265	ng	#	92
20) 3+4-Methylphenols	8.78	107	79522	41.247	ng		96
22) Acetophenone	8.82	105	105336	44.119	ng	#	97
24) Nitrobenzene	9.21	77	69465	42.466	ng		100
25) Isophorone	9.73	82	124179	38.952	ng		98
26) 2-Nitrophenol	9.93	139	45886	44.763	ng		100
27) 2,4-Dimethylphenol	9.98	122	71670	50.755	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	80348	39.988	ng		98
29) 2,4-Dichlorophenol	10.47	162	87259	47.231	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	103372	45.585	ng		96
31) Naphthalene	10.87	128	229619	44.305	ng		99
32) Benzoic acid	10.14	122	21739	25.772	ng		95
33) 4-Chloroaniline	10.98	127	62258	26.023	ng		96
34) Hexachlorobutadiene	11.16	225	69607	45.673	ng		99
35) Caprolactam	11.75	113	24358m	39.512	ng		
36) 4-Chloro-3-methylphenol	12.11	107	76376	43.549	ng		96
37) 2-Methylnaphthalene	12.48	142	185227	44.510	ng		99
38) 1-Methylnaphthalene	12.70	142	173778	43.963	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	130779	48.893	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	108986	77.568	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	80814	44.698	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	84324	45.007	ng		99
46) 1,1'-Biphenyl	13.49	154	245794	45.652	ng		96
47) 2-Chloronaphthalene	13.53	162	204969	44.151	ng		99
48) 2-Nitroaniline	13.73	65	44704	39.932	ng		98
49) Acenaphthylene	14.38	152	323838	46.366	ng		98
50) Dimethylphthalate	14.11	163	256563	42.691	ng		99
51) 2,6-Dinitrotoluene	14.23	165	62335	44.748	ng		97
52) Acenaphthene	14.72	154	188009	44.330	ng		99
53) 3-Nitroaniline	14.56	138	43521	31.239	ng		98
54) 2,4-Dinitrophenol	14.78	184	51257	56.574	ng		97
55) Dibenzofuran	15.06	168	328788	46.835	ng		98
56) 4-Nitrophenol	14.88	139	81581	82.409	ng		94
57) 2,4-Dinitrotoluene	15.03	165	88977	44.605	ng		97
58) Fluorene	15.71	166	270102	47.067	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	90565	48.879	ng		96
60) Diethylphthalate	15.47	149	251825	42.864	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	158289	45.757	ng		99
62) 4-Nitroaniline	15.73	138	62045	41.612	ng		92
63) Azobenzene	15.99	77	172481	42.846	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	50574	40.028	ng		98
66) n-Nitrosodiphenylamine	15.91	169	246505	44.479	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	112409	43.975	ng		99
68) Hexachlorobenzene	16.72	284	120674	43.427	ng		98
69) Atrazine	16.86	200	94281	48.107	ng		97
70) Pentachlorophenol	17.07	266	113636	78.706	ng		99
71) Phenanthrene	17.45	178	462851	46.239	ng		98
72) Anthracene	17.54	178	473946	47.428	ng		98
73) Carbazole	17.81	167	414029	46.488	ng		98
74) Di-n-butylphthalate	18.37	149	462803	43.960	ng		100
75) Fluoranthene	19.47	202	613716	50.237	ng		96
77) Benzidine	19.64	184	232716	36.429	ng		98
78) Pyrene	19.83	202	620980	45.457	ng		97
80) Butylbenzylphthalate	20.71	149	219947	40.935	ng		96
81) Benzo(a)anthracene	21.67	228	618347	45.620	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	197185	36.172	ng		99
83) Chrysene	21.74	228	596797	45.655	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	317194	42.518	ng		98
85) Di-n-octyl phthalate	22.78	149	549727	42.844	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	761218	42.851	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	675789	47.186	ng		98
89) Benzo(k)fluoranthene	23.97	252	658573	47.840	ng	#	97
90) Benzo(a)pyrene	24.78	252	660907	48.631	ng		98
91) Dibenzo(a,h)anthracene	28.70	278	631612	45.902	ng		99
92) Benzo(g,h,i)perylene	29.80	276	624939	45.410	ng		96

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

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