Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043725.D
Acq On : 20 Nov 2019 13:19
Operator : JU
Sample : PB124969BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124969BS

Manual Integrations APPROVED
mohammad
11/21/2019 1:05:31 PM

Quant Time: Nov 21 00:45:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	37457	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	161633	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	119444	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	270067	20.00	ng		0.00
76) Chrysene-d12	21.64	240	278646	20.00	ng		0.00
87) Perylene-d12	24.81	264	300645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	297251	145.42	ng		0.00
7) Phenol-d6	7.19	99	408358	138.85	ng		0.00
23) Nitrobenzene-d5	9.15	82	207965	66.33	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	254366	111.91	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	580868	67.20	ng		0.00
79) Terphenyl-d14	19.97	244	995254	67.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	22971	28.837	ng		92
3) Pyridine	3.85	79	66719	33.204	ng		98
4) n-Nitrosodimethylamine	3.76	42	48878	48.206	ng		90
6) Aniline	7.32	93	145123	42.836	ng		99
8) 2-Chlorophenol	7.57	128	119026	52.749	ng		96
9) Benzaldehyde	7.13	77	57939	40.087	ng		89
10) Phenol	7.21	94	144989	53.951	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	96391	46.391	ng		92
12) 1,3-Dichlorobenzene	7.88	146	116388	41.168	ng		96
13) 1,4-Dichlorobenzene	8.02	146	119591	41.810	ng		96
14) 1,2-Dichlorobenzene	8.34	146	119017	42.615	ng		96
15) Benzyl Alcohol	8.24	79	107853	52.218	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	134286	44.447	ng		97
17) 2-Methylphenol	8.45	107	102991	52.569	ng		97
18) Hexachloroethane	9.07	117	41032	39.760	ng		88
19) n-Nitroso-di-n-propylamine	8.79	70	87584	46.087	ng		95
20) 3+4-Methylphenols	8.79	107	137164	51.057	ng		96
22) Acetophenone	8.82	105	172514	41.678	ng	#	96
24) Nitrobenzene	9.20	77	133549	44.716	ng		98
25) Isophorone	9.72	82	252138	43.988	ng		98
26) 2-Nitrophenol	9.91	139	69006	47.858	ng		92
27) 2,4-Dimethylphenol	9.98	122	114891	55.594	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	135549	42.847	ng		98
29) 2,4-Dichlorophenol	10.46	162	129364	48.855	ng		93
30) 1,2,4-Trichlorobenzene	10.66	180	138748	41.575	ng		98
31) Naphthalene	10.84	128	366607	44.684	ng		99
32) Benzoic acid	10.19	122	61566	40.709	ng		94
33) 4-Chloroaniline	10.97	127	79481	23.633	ng		95
34) Hexachlorobutadiene	11.13	225	96599	39.156	ng		92
35) Caprolactam	11.75	113	40554m	44.470	ng		
36) 4-Chloro-3-methylphenol	12.11	107	137950	47.762	ng		97
37) 2-Methylnaphthalene	12.45	142	282865	44.934	ng		100
38) 1-Methylnaphthalene	12.67	142	265311	44.295	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	180537	40.841	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	192110	82.732	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	115197	44.251	ng		97
44) 2,4,5-Trichlorophenol	13.15	196	129830	49.331	ng		98
46) 1,1'-Biphenyl	13.46	154	378656	41.672	ng		98
47) 2-Chloronaphthalene	13.50	162	296718	42.917	ng		97
48) 2-Nitroaniline	13.71	65	90532	43.812	ng		98
49) Acenaphthylene	14.35	152	482508	44.842	ng		99
50) Dimethylphthalate	14.08	163	394840	42.677	ng		99
51) 2,6-Dinitrotoluene	14.20	165	91008	45.279	ng		93
52) Acenaphthene	14.69	154	287945	43.881	ng		99
53) 3-Nitroaniline	14.54	138	64492	33.234	ng		99
54) 2,4-Dinitrophenol	14.75	184	99759	79.530	ng		95
55) Dibenzofuran	15.02	168	467568	43.939	ng		100
56) 4-Nitrophenol	14.88	139	117108	90.054	ng		87
57) 2,4-Dinitrotoluene	14.99	165	123915	43.140	ng		95
58) Fluorene	15.67	166	392578	43.986	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	127593	45.631	ng	#	98
60) Diethylphthalate	15.44	149	389292	41.877	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	224557	43.129	ng		96
62) 4-Nitroaniline	15.71	138	82233	41.033	ng		99
63) Azobenzene	15.95	77	332720	44.224	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	78246	49.231	ng		98
66) n-Nitrosodiphenylamine	15.88	169	345274	45.284	ng		97
67) 4-Bromophenyl-phenylether	16.55	248	158743	43.677	ng		98
68) Hexachlorobenzene	16.68	284	174476	41.821	ng		98
69) Atrazine	16.82	200	137565	51.923	ng		98
70) Pentachlorophenol	17.03	266	176223	92.700	ng		98
71) Phenanthrene	17.41	178	603072	43.608	ng		99
72) Anthracene	17.50	178	621347	44.906	ng		100
73) Carbazole	17.78	167	531446	42.414	ng		98
74) Di-n-butylphthalate	18.32	149	630559	41.475	ng		100
75) Fluoranthene	19.42	202	749202	41.555	ng		98
77) Benzidine	19.60	184	142407	25.394	ng		97
78) Pyrene	19.78	202	754372	43.737	ng		99
80) Butylbenzylphthalate	20.66	149	282790	43.276	ng		99
81) Benzo(a)anthracene	21.61	228	773318	44.306	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	270961	40.137	ng		97
83) Chrysene	21.68	228	741882	42.779	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	418482	45.083	ng		98
85) Di-n-octyl phthalate	22.70	149	710718	45.130	ng		98
86) Indeno(1,2,3-cd)pyrene	28.44	276	970488	44.582	ng		99
88) Benzo(b)fluoranthene	23.81	252	826504	48.539	ng		98
89) Benzo(k)fluoranthene	23.87	252	801767	46.773	ng		99
90) Benzo(a)pyrene	24.66	252	756440	46.521	ng		98
91) Dibenzo(a,h)anthracene	28.49	278	820346	49.324	ng		98
92) Benzo(g,h,i)perylene	29.58	276	816165	49.749	ng		97

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

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