Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043697.D
Acq On : 19 Nov 2019 14:22
Operator : JU
Sample : PB124838BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124838BS

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:08 AM

Quant Time: Nov 19 15:39:35 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	29585	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	128696	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	96896	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	233733	20.00	ng		0.00
76) Chrysene-d12	21.64	240	258529	20.00	ng		0.00
87) Perylene-d12	24.81	264	298062	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	190925	118.26	ng		0.00
7) Phenol-d6	7.19	99	263926	113.62	ng		0.00
23) Nitrobenzene-d5	9.15	82	144978	58.08	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	172087	93.33	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	398983	56.90	ng		0.00
79) Terphenyl-d14	19.98	244	811003	58.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	18369	29.196	ng		89
3) Pyridine	3.85	79	49979	31.491	ng		90
4) n-Nitrosodimethylamine	3.76	42	37361	46.651	ng	#	96
6) Aniline	7.32	93	88629	33.121	ng		94
8) 2-Chlorophenol	7.57	128	76764	43.072	ng		96
9) Benzaldehyde	7.13	77	38374	33.615	ng		92
10) Phenol	7.21	94	94323	44.436	ng		96
11) bis(2-Chloroethyl)ether	7.41	93	63379	38.620	ng		91
12) 1,3-Dichlorobenzene	7.88	146	81797	36.631	ng		97
13) 1,4-Dichlorobenzene	8.02	146	86258	38.180	ng		93
14) 1,2-Dichlorobenzene	8.35	146	83995	38.077	ng		95
15) Benzyl Alcohol	8.24	79	68689	42.105	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	90298	37.840	ng		96
17) 2-Methylphenol	8.46	107	64562	41.723	ng		95
18) Hexachloroethane	9.07	117	29935	36.725	ng		91
19) n-Nitroso-di-n-propylamine	8.79	70	60573	40.355	ng		98
20) 3+4-Methylphenols	8.79	107	88699	41.802	ng		97
22) Acetophenone	8.81	105	119324	36.205	ng	#	96
24) Nitrobenzene	9.20	77	92363	38.840	ng		99
25) Isophorone	9.72	82	169951	37.238	ng		99
26) 2-Nitrophenol	9.91	139	45729	39.831	ng		93
27) 2,4-Dimethylphenol	9.98	122	73881	44.899	ng		97
28) bis(2-Chloroethoxy)methane	10.20	93	92175	36.593	ng		95
29) 2,4-Dichlorophenol	10.47	162	79632	37.770	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	94363	35.512	ng		96
31) Naphthalene	10.84	128	255805	39.159	ng		98
32) Benzoic acid	10.17	122	34660	31.434	ng		94
33) 4-Chloroaniline	10.98	127	29641	11.069	ng		96
34) Hexachlorobutadiene	11.13	225	66871	34.043	ng		96
35) Caprolactam	11.74	113	27911m	38.439	ng		
36) 4-Chloro-3-methylphenol	12.11	107	88837	38.629	ng		97
37) 2-Methylnaphthalene	12.45	142	199964	39.895	ng		96
38) 1-Methylnaphthalene	12.67	142	187677	39.353	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	125363	34.959	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	137387	72.933	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	75317	35.665	ng		92
44) 2,4,5-Trichlorophenol	13.16	196	77129	36.126	ng		96
46) 1,1'-Biphenyl	13.46	154	269210	36.521	ng		96
47) 2-Chloronaphthalene	13.50	162	207745	37.040	ng		96
48) 2-Nitroaniline	13.71	65	59277	35.362	ng		94
49) Acenaphthylene	14.35	152	339441	38.887	ng		99
50) Dimethylphthalate	14.08	163	273963	36.503	ng		97
51) 2,6-Dinitrotoluene	14.20	165	60133	36.880	ng	#	87
52) Acenaphthene	14.69	154	203950	38.313	ng		97
53) 3-Nitroaniline	14.54	138	37136	23.590	ng		88
54) 2,4-Dinitrophenol	14.75	184	64762	65.099	ng		97
55) Dibenzofuran	15.02	168	329277	38.144	ng		99
56) 4-Nitrophenol	14.89	139	77279	73.255	ng		93
57) 2,4-Dinitrotoluene	14.99	165	88618	38.031	ng		97
58) Fluorene	15.67	166	283460	39.151	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	80872	35.652	ng		98
60) Diethylphthalate	15.44	149	269317	35.713	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	153372	36.312	ng		98
62) 4-Nitroaniline	15.71	138	54272	33.382	ng		98
63) Azobenzene	15.96	77	235397	38.569	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	55395	40.272	ng		97
66) n-Nitrosodiphenylamine	15.88	169	237912	36.053	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	108619	34.531	ng		93
68) Hexachlorobenzene	16.68	284	125246	34.688	ng		98
69) Atrazine	16.82	200	92995	40.557	ng		97
70) Pentachlorophenol	17.03	266	115867	70.425	ng		97
71) Phenanthrene	17.41	178	451082	37.688	ng		99
72) Anthracene	17.51	178	476745	39.811	ng		99
73) Carbazole	17.78	167	398103	36.711	ng		98
74) Di-n-butylphthalate	18.32	149	471947	35.868	ng		100
75) Fluoranthene	19.42	202	606497	38.869	ng		99
77) Benzidine	19.65	184	13788	2.650	ng	#	89
78) Pyrene	19.79	202	625779	39.105	ng		99
80) Butylbenzylphthalate	20.67	149	215874	35.607	ng		95
81) Benzo(a)anthracene	21.61	228	632437	39.054	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	160525	25.628	ng		98
83) Chrysene	21.68	228	613502	38.129	ng		100
84) Bis(2-ethylhexyl)phthalate	21.51	149	316674	36.770	ng		96
85) Di-n-octyl phthalate	22.71	149	539315	36.911	ng		98
86) Indeno(1,2,3-cd)pyrene	28.44	276	764490	37.852	ng	#	87
88) Benzo(b)fluoranthene	23.80	252	664448	39.360	ng		98
89) Benzo(k)fluoranthene	23.87	252	654892	38.535	ng		97
90) Benzo(a)pyrene	24.66	252	614193	38.100	ng		100
91) Dibenzo(a,h)anthracene	28.49	278	647399	39.263	ng		96
92) Benzo(g,h,i)perylene	29.57	276	643974	39.594	ng		97

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

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