Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043569.D
Acq On : 8 Nov 2019 14:49
Operator : JU
Sample : PB124597BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124597BS

Manual Integrations APPROVED
mohammad
11/11/2019 4:51:59 PM

Quant Time: Nov 11 03:06:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29267	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	119903	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	92939	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	210448	20.00	ng		0.00
76) Chrysene-d12	21.65	240	221509	20.00	ng		0.00
87) Perylene-d12	24.85	264	178732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	200678	125.65	ng		0.01
7) Phenol-d6	7.21	99	270938	117.91	ng		0.01
23) Nitrobenzene-d5	9.17	82	138921	59.73	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	174235	98.51	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	381804	56.77	ng		0.00
79) Terphenyl-d14	19.99	244	720490	61.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	21783	34.999	ng		92
3) Pyridine	3.87	79	53478	34.062	ng		90
4) n-Nitrosodimethylamine	3.78	42	33993	42.907	ng		93
6) Aniline	7.34	93	67626	25.547	ng		99
8) 2-Chlorophenol	7.58	128	79196	44.919	ng		98
9) Benzaldehyde	7.14	77	21279	18.843	ng		90
10) Phenol	7.24	94	97384	46.377	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	64341	39.632	ng		95
12) 1,3-Dichlorobenzene	7.89	146	85473	38.693	ng		97
13) 1,4-Dichlorobenzene	8.04	146	86657	38.774	ng		97
14) 1,2-Dichlorobenzene	8.36	146	83778	38.392	ng		94
15) Benzyl Alcohol	8.25	79	70973	43.978	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87501	37.067	ng		96
17) 2-Methylphenol	8.48	107	67640	44.187	ng		94
18) Hexachloroethane	9.09	117	30444	37.756	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	58075	39.111	ng		91
20) 3+4-Methylphenols	8.81	107	89512	42.643	ng		88
22) Acetophenone	8.83	105	113678	37.021	ng		98
24) Nitrobenzene	9.21	77	89282	40.298	ng	#	97
25) Isophorone	9.73	82	163462	38.443	ng		98
26) 2-Nitrophenol	9.92	139	46883	43.831	ng		96
27) 2,4-Dimethylphenol	10.00	122	75115	48.997	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	91378	38.937	ng		98
29) 2,4-Dichlorophenol	10.48	162	84516	43.027	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	93871	37.917	ng		96
31) Naphthalene	10.86	128	246198	40.452	ng		98
32) Benzoic acid	10.17	122	40405	37.059	ng		93
33) 4-Chloroaniline	10.98	127	66294	26.573	ng		99
34) Hexachlorobutadiene	11.14	225	65508	35.795	ng		95
35) Caprolactam	11.74	113	27569m	40.752	ng		
36) 4-Chloro-3-methylphenol	12.12	107	90176	42.087	ng		94
37) 2-Methylnaphthalene	12.47	142	190391	40.770	ng		98
38) 1-Methylnaphthalene	12.68	142	181404	40.827	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	122007	35.472	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	66176	36.626	ng		100
43) 2,4,6-Trichlorophenol	13.08	196	79317	39.158	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	84330	41.180	ng		95
46) 1,1'-Biphenyl	13.47	154	256239	36.242	ng		98
47) 2-Chloronaphthalene	13.51	162	195894	36.414	ng		99
48) 2-Nitroaniline	13.72	65	60819	37.826	ng		97
49) Acenaphthylene	14.36	152	323297	38.614	ng		99
50) Dimethylphthalate	14.09	163	258325	35.885	ng		99
51) 2,6-Dinitrotoluene	14.21	165	58189	37.207	ng		98
52) Acenaphthene	14.70	154	192492	37.700	ng		97
53) 3-Nitroaniline	14.55	138	43374	28.726	ng		94
54) 2,4-Dinitrophenol	14.76	184	56580	59.945	ng		98
55) Dibenzofuran	15.03	168	313226	37.829	ng		97
56) 4-Nitrophenol	14.90	139	84949	83.954	ng		89
57) 2,4-Dinitrotoluene	15.00	165	84950	38.009	ng	#	97
58) Fluorene	15.69	166	264752	38.124	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	82323m	37.837	ng		
60) Diethylphthalate	15.45	149	262969	36.356	ng		97
61) 4-Chlorophenyl-phenylether	15.67	204	149555	36.916	ng		98
62) 4-Nitroaniline	15.72	138	56185	36.030	ng		96
63) Azobenzene	15.97	77	222106	37.941	ng		95
65) 4,6-Dinitro-2-methylphenol	15.77	198	47076	38.011	ng		97
66) n-Nitrosodiphenylamine	15.89	169	233676	39.330	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	107680	38.020	ng		96
68) Hexachlorobenzene	16.70	284	118205	36.360	ng		98
69) Atrazine	16.84	200	95175	46.100	ng		98
70) Pentachlorophenol	17.04	266	106649	71.995	ng		93
71) Phenanthrene	17.42	178	415860	38.589	ng		99
72) Anthracene	17.52	178	423929	39.318	ng		100
73) Carbazole	17.79	167	379979	38.916	ng		98
74) Di-n-butylphthalate	18.34	149	457095	38.582	ng		99
75) Fluoranthene	19.43	202	539552	38.404	ng		99
77) Benzidine	19.62	184	66198	14.849	ng		97
78) Pyrene	19.80	202	538004	39.238	ng		99
80) Butylbenzylphthalate	20.68	149	201698	38.828	ng		96
81) Benzo(a)anthracene	21.63	228	540665	38.966	ng		98
82) 3,3'-Dichlorobenzidine	21.55	252	176186	32.830	ng		98
83) Chrysene	21.70	228	523616	37.982	ng		97
84) Bis(2-ethylhexyl)phthalate	21.53	149	285969	38.754	ng		100
85) Di-n-octyl phthalate	22.72	149	492427	39.334	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	656337	37.928	ng	#	98
88) Benzo(b)fluoranthene	23.83	252	556787	55.003	ng		99
89) Benzo(k)fluoranthene	23.90	252	568148	55.752	ng		98
90) Benzo(a)pyrene	24.69	252	509075	52.664	ng		99
91) Dibenzo(a,h)anthracene	28.53	278	568209	57.468	ng		99
92) Benzo(g,h,i)perylene	29.63	276	564089	57.838	ng		98

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

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