Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043370.D
Acq On : 29 Oct 2019 12:13
Operator : JU
Sample : PB124338BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124338BS

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:22 PM

Quant Time: Oct 30 08:06:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39156	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	156930	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	111623	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	257673	20.00	ng		0.00
76) Chrysene-d12	21.66	240	294508	20.00	ng		0.00
87) Perylene-d12	24.86	264	313663	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	273024	127.77	ng		0.00
7) Phenol-d6	7.22	99	361301	117.52	ng		0.01
23) Nitrobenzene-d5	9.18	82	186401	61.24	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	230844	108.67	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	506964	62.76	ng		0.00
79) Terphenyl-d14	20.00	244	1001505	63.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	29450	35.367	ng		89
3) Pyridine	3.88	79	70908	33.757	ng		95
4) n-Nitrosodimethylamine	3.80	42	45931	43.334	ng		89
6) Aniline	7.35	93	118177	33.369	ng		96
8) 2-Chlorophenol	7.60	128	109729	46.519	ng		97
9) Benzaldehyde	7.16	77	59742	39.541	ng		94
10) Phenol	7.24	94	128221	45.641	ng		100
11) bis(2-Chloroethyl)ether	7.45	93	89565	41.236	ng		100
12) 1,3-Dichlorobenzene	7.92	146	118478	40.089	ng		97
13) 1,4-Dichlorobenzene	8.06	146	121189	40.530	ng		99
14) 1,2-Dichlorobenzene	8.38	146	115997	39.731	ng		95
15) Benzyl Alcohol	8.27	79	95509	44.235	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	121936	38.608	ng		97
17) 2-Methylphenol	8.48	107	92011	44.927	ng		96
18) Hexachloroethane	9.11	117	43784	40.586	ng		92
19) n-Nitroso-di-n-propylamine	8.83	70	79562	40.049	ng		98
20) 3+4-Methylphenols	8.81	107	119412	42.521	ng		94
22) Acetophenone	8.84	105	154809	38.521	ng	#	99
24) Nitrobenzene	9.23	77	120083	41.412	ng		97
25) Isophorone	9.75	82	222222	39.931	ng		98
26) 2-Nitrophenol	9.94	139	60620	43.302	ng		92
27) 2,4-Dimethylphenol	10.01	122	98871	49.276	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	118996	38.742	ng		93
29) 2,4-Dichlorophenol	10.49	162	113977	44.334	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	131300	40.522	ng		96
31) Naphthalene	10.88	128	336633	42.260	ng		98
32) Benzoic acid	10.18	122	49111	35.061	ng		97
33) 4-Chloroaniline	11.00	127	72597	22.233	ng		96
34) Hexachlorobutadiene	11.16	225	92033	38.423	ng		94
35) Caprolactam	11.76	113	35119m	39.664	ng		
36) 4-Chloro-3-methylphenol	12.13	107	118913	42.404	ng		100
37) 2-Methylnaphthalene	12.48	142	254209	41.592	ng		97
38) 1-Methylnaphthalene	12.70	142	239916	41.256	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	163036	39.466	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	181932	83.838	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	102878	42.288	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	106268	43.207	ng		94
46) 1,1'-Biphenyl	13.48	154	338878	39.907	ng		99
47) 2-Chloronaphthalene	13.53	162	262682	40.656	ng		99
48) 2-Nitroaniline	13.74	65	75939	39.325	ng		98
49) Acenaphthylene	14.37	152	424752	42.240	ng		97
50) Dimethylphthalate	14.11	163	338894	39.197	ng		99
51) 2,6-Dinitrotoluene	14.23	165	75041	39.951	ng		96
52) Acenaphthene	14.72	154	250448	40.841	ng		97
53) 3-Nitroaniline	14.56	138	52406	28.898	ng	#	90
54) 2,4-Dinitrophenol	14.77	184	78444	68.074	ng		94
55) Dibenzofuran	15.05	168	405398	40.766	ng		98
56) 4-Nitrophenol	14.90	139	110092	90.591	ng		91
57) 2,4-Dinitrotoluene	15.01	165	110108	41.019	ng	#	97
58) Fluorene	15.70	166	337605	40.477	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	111355	42.614	ng		98
60) Diethylphthalate	15.47	149	342453	39.420	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	195358	40.150	ng		97
62) 4-Nitroaniline	15.73	138	71040	37.931	ng		98
63) Azobenzene	15.98	77	284919	40.524	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	65131	42.951	ng		93
66) n-Nitrosodiphenylamine	15.91	169	298567	41.041	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	137567	39.671	ng		98
68) Hexachlorobenzene	16.70	284	154327	38.771	ng		98
69) Atrazine	16.85	200	130715	51.710	ng		97
70) Pentachlorophenol	17.05	266	172737	95.237	ng		95
71) Phenanthrene	17.44	178	545756	41.361	ng		99
72) Anthracene	17.53	178	568211	43.041	ng		99
73) Carbazole	17.80	167	513273	42.934	ng		97
74) Di-n-butylphthalate	18.35	149	608306	41.935	ng		98
75) Fluoranthene	19.44	202	742761	43.179	ng		100
77) Benzidine	19.63	184	243251	41.041	ng		98
78) Pyrene	19.81	202	750388	41.163	ng		99
80) Butylbenzylphthalate	20.69	149	281866	40.812	ng		98
81) Benzo(a)anthracene	21.64	228	777416	42.141	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	262865	36.840	ng		100
83) Chrysene	21.71	228	757824	41.345	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	415290	42.330	ng		99
85) Di-n-octyl phthalate	22.74	149	704363	42.318	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	987512	42.921	ng	#	98
88) Benzo(b)fluoranthene	23.85	252	826475	46.523	ng		99
89) Benzo(k)fluoranthene	23.91	252	824334	46.093	ng		99
90) Benzo(a)pyrene	24.71	252	760561	44.833	ng		100
91) Dibenzo(a,h)anthracene	28.56	278	830031	47.835	ng		99
92) Benzo(g,h,i)perylene	29.64	276	831051	48.554	ng		98

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

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