Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
Data File : BG044054.D
Acq On : 15 Jan 2020 17:50
Operator : JU
Sample : PB126104BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126104BS

Manual Integrations APPROVED
mohammad
1/16/2020 2:25:51 PM

Quant Time: Jan 16 08:27:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	79083	20.00	ng		-0.02
21) Naphthalene-d8	10.74	136	347526	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	234243	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	533489	20.00	ng		-0.02
76) Chrysene-d12	21.57	240	460476	20.00	ng		-0.02
87) Perylene-d12	24.68	264	522280	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	405690	94.19	ng		-0.02
7) Phenol-d6	7.11	99	536034	89.03	ng		-0.01
23) Nitrobenzene-d5	9.10	82	521616	80.29	ng		-0.02
42) 2,4,6-Tribromophenol	16.06	330	213665	87.16	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1171264	90.59	ng		-0.02
79) Terphenyl-d14	19.93	244	1796369	97.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	88725	47.245	ng		96
3) Pyridine	3.80	79	216881	39.093	ng		94
4) n-Nitrosodimethylamine	3.72	42	102498	41.497	ng	#	90
6) Aniline	7.26	93	266684	33.725	ng		97
8) 2-Chlorophenol	7.51	128	250470	49.535	ng		98
9) Benzaldehyde	7.07	77	145451	37.747	ng		98
10) Phenol	7.14	94	312604	50.395	ng		98
11) bis(2-Chloroethyl)ether	7.36	93	227269	42.445	ng		97
12) 1,3-Dichlorobenzene	7.83	146	256446	43.340	ng		99
13) 1,4-Dichlorobenzene	7.98	146	261078	44.719	ng		100
14) 1,2-Dichlorobenzene	8.29	146	243590	43.469	ng		100
15) Benzyl Alcohol	8.18	79	207585	43.688	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	303845	36.679	ng		99
17) 2-Methylphenol	8.39	107	213362	47.531	ng		99
18) Hexachloroethane	9.03	117	95789	42.166	ng		96
19) n-Nitroso-di-n-propylamine	8.75	70	177424	39.572	ng		98
20) 3+4-Methylphenols	8.72	107	295647	47.212	ng		97
22) Acetophenone	8.76	105	338630	39.194	ng	#	99
24) Nitrobenzene	9.14	77	252221	39.201	ng		98
25) Isophorone	9.66	82	481598	39.515	ng		100
26) 2-Nitrophenol	9.85	139	139372	45.785	ng		96
27) 2,4-Dimethylphenol	9.92	122	239943	52.364	ng		98
28) bis(2-Chloroethoxy)methane	10.15	93	312556	38.467	ng		98
29) 2,4-Dichlorophenol	10.39	162	249384	45.626	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	242113	39.506	ng		96
31) Naphthalene	10.79	128	723371	43.014	ng		99
32) Benzoic acid	10.06	122	125457	35.496	ng		97
33) 4-Chloroaniline	10.90	127	182130	22.706	ng		98
34) Hexachlorobutadiene	11.09	225	139095	37.173	ng		96
35) Caprolactam	11.66	113	96773m	47.560	ng		
36) 4-Chloro-3-methylphenol	12.03	107	266585	45.815	ng		97
37) 2-Methylnaphthalene	12.40	142	543179	42.901	ng		96
38) 1-Methylnaphthalene	12.62	142	512300	42.693	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	256157	37.310	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	345256	96.998	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	200650	42.473	ng		97
44) 2,4,5-Trichlorophenol	13.08	196	218385	44.821	ng		99
46) 1,1'-Biphenyl	13.41	154	689118	41.031	ng		98
47) 2-Chloronaphthalene	13.45	162	542652	39.985	ng		98
48) 2-Nitroaniline	13.65	65	168467	38.590	ng		96
49) Acenaphthylene	14.30	152	874270	44.820	ng		98
50) Dimethylphthalate	14.03	163	717965	43.167	ng		98
51) 2,6-Dinitrotoluene	14.15	165	163742	43.557	ng		92
52) Acenaphthene	14.64	154	548759	40.116	ng		98
53) 3-Nitroaniline	14.48	138	115595	27.078	ng		95
54) 2,4-Dinitrophenol	14.68	184	184404	95.170	ng		97
55) Dibenzofuran	14.97	168	841101	44.665	ng		97
56) 4-Nitrophenol	14.79	139	315241	96.365	ng		96
57) 2,4-Dinitrotoluene	14.93	165	234568	45.857	ng		95
58) Fluorene	15.62	166	661756	44.337	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	194799	46.495	ng		97
60) Diethylphthalate	15.40	149	724231	43.535	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	341869	42.182	ng		98
62) 4-Nitroaniline	15.64	138	167447	39.720	ng		94
63) Azobenzene	15.91	77	655397	42.482	ng		98
65) 4,6-Dinitro-2-methylphenol	15.70	198	139121	50.375	ng		98
66) n-Nitrosodiphenylamine	15.83	169	637524	40.579	ng		97
67) 4-Bromophenyl-phenylether	16.51	248	224283	37.380	ng		99
68) Hexachlorobenzene	16.63	284	245261	37.935	ng		99
69) Atrazine	16.78	200	245597	48.092	ng		99
70) Pentachlorophenol	16.97	266	291768	81.865	ng		98
71) Phenanthrene	17.36	178	1094183	42.760	ng		98
72) Anthracene	17.45	178	1127753	44.594	ng		97
73) Carbazole	17.72	167	1027697	43.994	ng		96
74) Di-n-butylphthalate	18.29	149	1253087	42.015	ng		96
75) Fluoranthene	19.37	202	1262551	43.143	ng		97
77) Benzidine	19.55	184	575323	49.707	ng		99
78) Pyrene	19.73	202	1286359	42.797	ng		96
80) Butylbenzylphthalate	20.62	149	586863	41.011	ng		96
81) Benzo(a)anthracene	21.55	228	1202676	42.121	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	337097	29.883	ng		99
83) Chrysene	21.61	228	1156742	42.636	ng		97
84) Bis(2-ethylhexyl)phthalate	21.47	149	825099	41.788	ng		96
85) Di-n-octyl phthalate	22.65	149	1415204	42.634	ng		97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1472718	39.943	ng	#	92
88) Benzo(b)fluoranthene	23.69	252	1268358	41.079	ng		98
89) Benzo(k)fluoranthene	23.76	252	1241697	42.291	ng		98
90) Benzo(a)pyrene	24.53	252	1174686	40.310	ng		98
91) Dibenzo(a,h)anthracene	28.27	278	1207969	41.275	ng		98
92) Benzo(g,h,i)perylene	29.32	276	1233990	42.448	ng		98

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

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