Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032420\
Data File : BG044931.D
Acq On : 24 Mar 2020 15:30
Operator : CG/JU
Sample : PB127768BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB127768BSD

Manual Integrations APPROVED
mohammad
3/25/2020 12:27:40 PM

Quant Time: Mar 24 16:07:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 23 07:18:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	89666	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	350609	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	232876	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	528918	20.00	ng		0.00
76) Chrysene-d12	21.69	240	494542	20.00	ng		-0.01
87) Perylene-d12	24.89	264	545508	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	726441	126.12	ng		0.00
7) Phenol-d6	7.20	99	969885	115.89	ng		0.00
23) Nitrobenzene-d5	9.20	82	617811	77.32	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	387705	127.15	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1300094	79.95	ng		0.00
79) Terphenyl-d14	20.03	244	2048622	77.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	98539	35.525	ng		97
3) Pyridine	3.91	79	264417	32.201	ng		98
4) n-Nitrosodimethylamine	3.82	42	126537	40.615	ng	#	97
6) Aniline	7.36	93	311718	29.934	ng		98
8) 2-Chlorophenol	7.61	128	266818	46.403	ng		96
9) Benzaldehyde	7.17	77	204072	40.064	ng		93
10) Phenol	7.23	94	357255	43.118	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	260967	39.466	ng		98
12) 1,3-Dichlorobenzene	7.93	146	291220	41.115	ng		99
13) 1,4-Dichlorobenzene	8.08	146	288939	41.262	ng		96
14) 1,2-Dichlorobenzene	8.40	146	267576	40.290	ng		97
15) Benzyl Alcohol	8.27	79	261117	38.887	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	378668	32.450	ng		97
17) 2-Methylphenol	8.49	107	238271	42.454	ng		97
18) Hexachloroethane	9.13	117	110754	40.173	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	213204	36.079	ng		100
20) 3+4-Methylphenols	8.81	107	328102	42.409	ng		97
22) Acetophenone	8.86	105	398971	40.167	ng		99
24) Nitrobenzene	9.24	77	330082	39.815	ng		98
25) Isophorone	9.77	82	589592	37.809	ng		97
26) 2-Nitrophenol	9.95	139	131898	46.077	ng		99
27) 2,4-Dimethylphenol	10.02	122	236946	46.659	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	341975	36.747	ng		100
29) 2,4-Dichlorophenol	10.49	162	263141	44.364	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	285417	40.243	ng		93
31) Naphthalene	10.90	128	788977	40.623	ng		99
32) Benzoic acid	10.16	122	125537	35.010	ng		94
33) 4-Chloroaniline	11.00	127	159205	18.194	ng		97
34) Hexachlorobutadiene	11.20	225	191012	40.954	ng		98
35) Caprolactam	11.77	113	88605m	39.455	ng		
36) 4-Chloro-3-methylphenol	12.12	107	293067	41.428	ng		97
37) 2-Methylnaphthalene	12.50	142	586764	40.387	ng		96
38) 1-Methylnaphthalene	12.72	142	559020	40.928	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	310841	40.531	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	421333	100.525	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	223590	43.930	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	235410	44.599	ng		97
46) 1,1'-Biphenyl	13.51	154	728988	39.173	ng		98
47) 2-Chloronaphthalene	13.55	162	564203	39.687	ng		98
48) 2-Nitroaniline	13.74	65	194274	39.034	ng		97
49) Acenaphthylene	14.40	152	907982	40.768	ng		98
50) Dimethylphthalate	14.13	163	741187	39.962	ng		99
51) 2,6-Dinitrotoluene	14.24	165	169906	45.446	ng		97
52) Acenaphthene	14.74	154	647465	44.390	ng		97
53) 3-Nitroaniline	14.57	138	102278	23.795	ng		91
54) 2,4-Dinitrophenol	14.77	184	167705	85.235	ng		96
55) Dibenzofuran	15.07	168	868265	41.050	ng		99
56) 4-Nitrophenol	14.88	139	276675	84.343	ng		95
57) 2,4-Dinitrotoluene	15.03	165	230342	44.924	ng		99
58) Fluorene	15.72	166	722381	41.517	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.30	232	214339	44.106	ng		92
60) Diethylphthalate	15.49	149	752672	38.908	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	387787	41.391	ng		99
62) 4-Nitroaniline	15.74	138	172173	37.565	ng		95
63) Azobenzene	16.01	77	759628	37.813	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	125228	49.940	ng		91
66) n-Nitrosodiphenylamine	15.93	169	650082	40.824	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	269993	40.832	ng		97
68) Hexachlorobenzene	16.73	284	287735	40.111	ng		99
69) Atrazine	16.88	200	258914	44.379	ng		98
70) Pentachlorophenol	17.07	266	345027	87.415	ng		97
71) Phenanthrene	17.46	178	1144524	40.493	ng		100
72) Anthracene	17.56	178	1168196	41.915	ng		99
73) Carbazole	17.82	167	1096709	40.965	ng		99
74) Di-n-butylphthalate	18.39	149	1275670	39.199	ng		99
75) Fluoranthene	19.47	202	1432372	42.562	ng		100
77) Benzidine	19.64	184	696353	43.374	ng		100
78) Pyrene	19.83	202	1400717	38.605	ng		99
80) Butylbenzylphthalate	20.72	149	580251	35.948	ng		99
81) Benzo(a)anthracene	21.67	228	1361007	38.219	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	351548	25.518	ng		98
83) Chrysene	21.73	228	1295552	38.086	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	804140	36.097	ng		98
85) Di-n-octyl phthalate	22.80	149	1377404	36.949	ng		99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1748678	39.211	ng	#	97
88) Benzo(b)fluoranthene	23.88	252	1494359	41.495	ng		99
89) Benzo(k)fluoranthene	23.95	252	1423372	41.765	ng		98
90) Benzo(a)pyrene	24.74	252	1363212	40.454	ng		96
91) Dibenzo(a,h)anthracene	28.61	278	1406254	42.300	ng		98
92) Benzo(g,h,i)perylene	29.67	276	1408162	41.924	ng		97

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

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