Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043823.D
Acq On : 17 Dec 2019 17:22
Operator : JU
Sample : PB125517BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125517BS

Manual Integrations APPROVED
mohammad
12/18/2019 2:40:45 PM

Quant Time: Dec 18 01:26:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	108460	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	495928	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	376898	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	885644	20.00	ng	0.00
76) Chrysene-d12	21.63	240	758676	20.00	ng	0.00
87) Perylene-d12	24.79	264	791361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	769680	134.46	ng	0.00
7) Phenol-d6	7.17	99	1076984	130.46	ng	0.01
23) Nitrobenzene-d5	9.16	82	668856	75.73	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	463610	129.03	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1612167	75.14	ng	0.00
79) Terphenyl-d14	19.99	244	2430442	77.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	99020	37.354	ng	98
3) Pyridine	3.88	79	253585	34.619	ng	99
4) n-Nitrosodimethylamine	3.79	42	137016	39.012	ng	94
6) Aniline	7.32	93	367402	33.634	ng	98
8) 2-Chlorophenol	7.57	128	333353	49.971	ng	97
9) Benzaldehyde	7.13	77	225408	55.359	ng	91
10) Phenol	7.20	94	429992	50.450	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	298122	41.222	ng	95
12) 1,3-Dichlorobenzene	7.90	146	326517	40.844	ng	99
13) 1,4-Dichlorobenzene	8.04	146	331900	41.535	ng	98
14) 1,2-Dichlorobenzene	8.36	146	318226	41.333	ng	99
15) Benzyl Alcohol	8.24	79	304374	46.329	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	452667	39.053	ng	98
17) 2-Methylphenol	8.45	107	307837	50.597	ng	100
18) Hexachloroethane	9.09	117	119384	41.115	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	259032	41.042	ng	99
20) 3+4-Methylphenols	8.77	107	431099	50.887	ng	98
22) Acetophenone	8.82	105	466558	37.723	ng	99
24) Nitrobenzene	9.20	77	363113	40.360	ng	97
25) Isophorone	9.73	82	708950	40.190	ng	98
26) 2-Nitrophenol	9.91	139	178467	50.258	ng	98
27) 2,4-Dimethylphenol	9.98	122	345031	55.351	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	447370	39.620	ng	100
29) 2,4-Dichlorophenol	10.45	162	368799	48.178	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	344520	38.020	ng	100
31) Naphthalene	10.86	128	993664	41.757	ng	99
32) Benzoic acid	10.10	122	192536	45.026	ng	98
33) 4-Chloroaniline	10.95	127	275674	23.894	ng	100
34) Hexachlorobutadiene	11.15	225	195869	35.674	ng	96
35) Caprolactam	11.72	113	147400m	49.065	ng	
36) 4-Chloro-3-methylphenol	12.08	107	406683	49.349	ng	100
37) 2-Methylnaphthalene	12.46	142	795015	43.104	ng	99
38) 1-Methylnaphthalene	12.68	142	757607	43.197	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	399337	35.260	ng	98

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Quant Time: Dec 18 01:26:33 2019
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	473851	89.140	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	324647	45.100	ng		98
44) 2,4,5-Trichlorophenol	13.14	196	360846	47.848	ng		99
46) 1,1'-Biphenyl	13.47	154	1014488	39.043	ng		100
47) 2-Chloronaphthalene	13.51	162	818012	38.509	ng		99
48) 2-Nitroaniline	13.70	65	275043	43.904	ng		95
49) Acenaphthylene	14.35	152	1337893	42.281	ng		98
50) Dimethylphthalate	14.09	163	1104843	41.071	ng		99
51) 2,6-Dinitrotoluene	14.19	165	264051	45.548	ng		97
52) Acenaphthene	14.69	154	945269	45.409	ng		98
53) 3-Nitroaniline	14.52	138	194995	29.393	ng		93
54) 2,4-Dinitrophenol	14.73	184	260131	99.553	ng		92
55) Dibenzofuran	15.03	168	1305064	42.353	ng		99
56) 4-Nitrophenol	14.83	139	495295	102.336	ng		99
57) 2,4-Dinitrotoluene	14.98	165	369780	47.206	ng		96
58) Fluorene	15.67	166	1061780	42.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	325277m	48.071	ng		
60) Diethylphthalate	15.45	149	1124939	41.865	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	576020	41.411	ng		98
62) 4-Nitroaniline	15.69	138	277019	40.301	ng		99
63) Azobenzene	15.96	77	1052266	42.627	ng		100
65) 4,6-Dinitro-2-methylphenol	15.75	198	186167	53.200	ng		96
66) n-Nitrosodiphenylamine	15.88	169	1011741	41.102	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	372300	39.319	ng		98
68) Hexachlorobenzene	16.69	284	385463	38.383	ng		99
69) Atrazine	16.83	200	399133	50.863	ng		99
70) Pentachlorophenol	17.03	266	473825	88.698	ng		98
71) Phenanthrene	17.41	178	1714271	40.887	ng		99
72) Anthracene	17.50	178	1759557	42.396	ng		99
73) Carbazole	17.77	167	1598472	41.202	ng		99
74) Di-n-butylphthalate	18.34	149	1831812	41.187	ng		100
75) Fluoranthene	19.42	202	1973059	41.118	ng		98
77) Benzidine	19.59	184	831860	50.259	ng		99
78) Pyrene	19.78	202	1991548	40.168	ng		97
80) Butylbenzylphthalate	20.67	149	888406	43.023	ng		97
81) Benzo(a)anthracene	21.61	228	1940282	40.521	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	573431	32.418	ng		99
83) Chrysene	21.67	228	1834136	40.205	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1222405	41.272	ng		99
85) Di-n-octyl phthalate	22.74	149	2102104	43.413	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2040435	34.945	ng	#	93
88) Benzo(b)fluoranthene	23.79	252	1959167	42.999	ng		99
89) Benzo(k)fluoranthene	23.86	252	1956586	44.453	ng		99
90) Benzo(a)pyrene	24.64	252	1859972	42.835	ng		99
91) Dibenzo(a,h)anthracene	28.44	278	1839414	42.411	ng		99
92) Benzo(g,h,i)perylene	29.49	276	1650121	38.555	ng		98

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

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