Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043820.D
Acq On : 17 Dec 2019 15:24
Operator : JU
Sample : PB125439BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB125439BS

Manual Integrations APPROVED
mohammad
12/18/2019 2:40:42 PM

Quant Time: Dec 18 01:10:03 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	8.01	152	107992	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	512286	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	389584	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	905870	20.00	ng	0.00
76) Chrysene-d12	21.64	240	755233	20.00	ng	0.00
87) Perylene-d12	24.79	264	854937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	847661	148.72	ng	0.00
7) Phenol-d6	7.17	99	1165989	141.85	ng	0.01
23) Nitrobenzene-d5	9.16	82	727727	79.76	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	497159	133.86	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1712951	77.23	ng	0.00
79) Terphenyl-d14	19.99	244	2534262	80.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	110804	41.981	ng	100
3) Pyridine	3.87	79	282856	38.782	ng	98
4) n-Nitrosodimethylamine	3.79	42	146469	41.884	ng	98
6) Aniline	7.33	93	398933	36.679	ng	98
8) 2-Chlorophenol	7.57	128	350103	52.709	ng	96
9) Benzaldehyde	7.14	77	235093	59.941	ng	90
10) Phenol	7.20	94	454397	53.544	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	317471	44.087	ng	95
12) 1,3-Dichlorobenzene	7.89	146	348362	43.765	ng	98
13) 1,4-Dichlorobenzene	8.04	146	349764	43.960	ng	99
14) 1,2-Dichlorobenzene	8.36	146	331195	43.204	ng	97
15) Benzyl Alcohol	8.24	79	320938	49.062	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	474210	41.089	ng	98
17) 2-Methylphenol	8.45	107	322381	53.217	ng	100
18) Hexachloroethane	9.09	117	126679	43.816	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	271225	43.160	ng	98
20) 3+4-Methylphenols	8.77	107	451394	53.513	ng	98
22) Acetophenone	8.82	105	493106	38.596	ng	100
24) Nitrobenzene	9.20	77	388000	41.749	ng	99
25) Isophorone	9.73	82	754418	41.402	ng	99
26) 2-Nitrophenol	9.91	139	189228	51.366	ng	97
27) 2,4-Dimethylphenol	9.98	122	365878	56.821	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	468630	40.178	ng	98
29) 2,4-Dichlorophenol	10.46	162	390627	49.400	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	367234	39.233	ng	99
31) Naphthalene	10.86	128	1042429	42.408	ng	99
32) Benzoic acid	10.11	122	207796	46.489	ng	95
33) 4-Chloroaniline	10.96	127	282081	23.668	ng	98
34) Hexachlorobutadiene	11.15	225	210169	37.056	ng	99
35) Caprolactam	11.73	113	156010m	50.273	ng	
36) 4-Chloro-3-methylphenol	12.08	107	428167	50.296	ng	99
37) 2-Methylnaphthalene	12.46	142	830687	43.600	ng	99
38) 1-Methylnaphthalene	12.68	142	791276	43.676	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	423496	36.176	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	548716	99.862	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	343013	46.099	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	380595	48.823	ng		97
46) 1,1'-Biphenyl	13.47	154	1067053	39.729	ng		98
47) 2-Chloronaphthalene	13.51	162	858539	39.101	ng		99
48) 2-Nitroaniline	13.70	65	287338	44.373	ng		98
49) Acenaphthylene	14.36	152	1389510	42.482	ng		99
50) Dimethylphthalate	14.09	163	1152230	41.437	ng		99
51) 2,6-Dinitrotoluene	14.20	165	280383	46.790	ng		98
52) Acenaphthene	14.70	154	985027	45.778	ng		97
53) 3-Nitroaniline	14.53	138	200048	29.173	ng		94
54) 2,4-Dinitrophenol	14.73	184	270464	99.953	ng		92
55) Dibenzofuran	15.03	168	1363683	42.814	ng		100
56) 4-Nitrophenol	14.84	139	517142	103.371	ng		98
57) 2,4-Dinitrotoluene	14.99	165	390254	48.198	ng		95
58) Fluorene	15.68	166	1107423	43.136	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	332491m	47.537	ng		
60) Diethylphthalate	15.46	149	1172671	42.220	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	600027	41.732	ng		99
62) 4-Nitroaniline	15.69	138	286726	40.354	ng		98
63) Azobenzene	15.97	77	1094356	42.888	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	193829	53.983	ng		99
66) n-Nitrosodiphenylamine	15.88	169	1056614	41.967	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	384973	39.750	ng		98
68) Hexachlorobenzene	16.69	284	399739	38.915	ng		98
69) Atrazine	16.84	200	416767	51.924	ng		98
70) Pentachlorophenol	17.03	266	479667	87.786	ng		97
71) Phenanthrene	17.42	178	1762669	41.103	ng		99
72) Anthracene	17.51	178	1830758	43.127	ng		98
73) Carbazole	17.77	167	1632748	41.146	ng		99
74) Di-n-butylphthalate	18.35	149	1873252	41.179	ng		98
75) Fluoranthene	19.42	202	2024176	41.241	ng		98
77) Benzidine	19.60	184	943557	57.267	ng		98
78) Pyrene	19.79	202	2032535	41.182	ng		99
80) Butylbenzylphthalate	20.68	149	904117	43.984	ng		98
81) Benzo(a)anthracene	21.61	228	1976506	41.466	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	606486	34.443	ng		99
83) Chrysene	21.68	228	1873498	41.255	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1241524	42.108	ng		98
85) Di-n-octyl phthalate	22.75	149	2145090	44.503	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2140675	36.829	ng	#	93
88) Benzo(b)fluoranthene	23.80	252	1961136	39.841	ng		100
89) Benzo(k)fluoranthene	23.86	252	1999164	42.043	ng		99
90) Benzo(a)pyrene	24.65	252	1894424	40.384	ng		99
91) Dibenzo(a,h)anthracene	28.45	278	1652319	35.264	ng		100
92) Benzo(g,h,i)perylene	29.50	276	1637184	35.408	ng		99

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

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