Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045631.D
Acq On : 6 Jun 2020 2:18
Operator : CG/JU
Sample : PB129334BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 06 04:49:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB129334BS

Manual Integrations APPROVED
mohammad
6/8/2020 12:50:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60871	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	235850	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	164703	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	379441	20.00	ng		0.00
76) Chrysene-d12	21.60	240	376642	20.00	ng		0.00
87) Perylene-d12	24.75	264	402882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	395138	126.86	ng		0.00
7) Phenol-d6	7.15	99	552875	124.71	ng		0.00
23) Nitrobenzene-d5	9.12	82	351952	81.38	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	250142	118.76	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	783979	80.74	ng		0.00
79) Terphenyl-d14	19.96	244	1368314	84.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	55045	35.64	ng		95
3) Pyridine	3.80	79	122079	28.38	ng		98
4) n-Nitrosodimethylamine	3.72	42	59517	42.28	ng		91
6) Aniline	7.28	93	157599	27.23	ng		99
8) 2-Chlorophenol	7.52	128	144584	42.33	ng		96
9) Benzaldehyde	7.08	77	90026	31.17	ng		93
10) Phenol	7.17	94	188658	41.29	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	131598	36.93	ng		99
12) 1,3-Dichlorobenzene	7.84	146	156283	38.07	ng		98
13) 1,4-Dichlorobenzene	7.99	146	157729	38.94	ng		96
14) 1,2-Dichlorobenzene	8.30	146	149109	38.27	ng		98
15) Benzyl Alcohol	8.20	79	149565	40.84	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	122442	36.19	ng		94
17) 2-Methylphenol	8.42	107	128441	37.56	ng		93
18) Hexachloroethane	9.03	117	59750	38.51	ng		85
19) n-Nitroso-di-n-propylamine	8.76	70	117734	38.40	ng		98
20) 3+4-Methylphenols	8.75	107	170525	36.62	ng		94
22) Acetophenone	8.77	105	215845	38.61	ng	#	96
24) Nitrobenzene	9.16	77	181665	39.20	ng		93
25) Isophorone	9.68	82	321204	37.71	ng		98
26) 2-Nitrophenol	9.87	139	81307	41.02	ng		95
27) 2,4-Dimethylphenol	9.94	122	131690	44.79	ng		94
28) bis(2-Chloroethoxy)methane	10.16	93	179394	40.16	ng		97
29) 2,4-Dichlorophenol	10.42	162	143661	41.38	ng		96
30) 1,2,4-Trichlorobenzene	10.62	180	162223	39.54	ng		99
31) Naphthalene	10.81	128	432038	39.31	ng		99
32) Benzoic acid	10.10	122	71006	38.12	ng		95
33) 4-Chloroaniline	10.92	127	99121	21.58	ng		96
34) Hexachlorobutadiene	11.10	225	112701	38.86	ng		98
35) Caprolactam	11.69	113	48934m	38.40	ng		
36) 4-Chloro-3-methylphenol	12.07	107	158984	40.64	ng		95
37) 2-Methylnaphthalene	12.42	142	325667	39.76	ng		97
38) 1-Methylnaphthalene	12.63	142	303139	39.18	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	187006	40.65	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	207790	78.26	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	126272	39.51	ng		97
44) 2,4,5-Trichlorophenol	13.12	196	135738	37.17	ng		97
46) 1,1'-Biphenyl	13.43	154	411691	40.68	ng		99
47) 2-Chloronaphthalene	13.47	162	315060	38.34	ng		97
48) 2-Nitroaniline	13.67	65	104011	38.48	ng		94
49) Acenaphthylene	14.31	152	529052	40.08	ng		99
50) Dimethylphthalate	14.05	163	428137	37.89	ng		99
51) 2,6-Dinitrotoluene	14.17	165	97625	38.29	ng		97
52) Acenaphthene	14.66	154	382173m	43.25	ng		
53) 3-Nitroaniline	14.50	138	66225	25.55	ng	#	95
54) 2,4-Dinitrophenol	14.71	184	107262	65.30	ng		99
55) Dibenzofuran	15.00	168	502245	38.28	ng		97
56) 4-Nitrophenol	14.85	139	140190	71.45	ng		91
57) 2,4-Dinitrotoluene	14.96	165	140766	38.12	ng		96
58) Fluorene	15.64	166	417377	38.72	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	124599	38.78	ng		99
60) Diethylphthalate	15.41	149	445172	37.86	ng		97
61) 4-Chlorophenyl-phenylether	15.64	204	232773	37.73	ng		96
62) 4-Nitroaniline	15.67	138	97862	36.17	ng		98
63) Azobenzene	15.93	77	420970	38.39	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	88597	40.09	ng		99
66) n-Nitrosodiphenylamine	15.85	169	378706	41.57	ng		93
67) 4-Bromophenyl-phenylether	16.53	248	161030	39.19	ng		100
68) Hexachlorobenzene	16.66	284	172622	40.17	ng		97
69) Atrazine	16.80	200	144534	38.52	ng		98
70) Pentachlorophenol	17.00	266	176680	79.18	ng		97
71) Phenanthrene	17.39	178	676900	40.86	ng		99
72) Anthracene	17.47	178	701639	42.18	ng		99
73) Carbazole	17.75	167	643231	39.67	ng		99
74) Di-n-butylphthalate	18.31	149	775480	39.85	ng		99
75) Fluoranthene	19.40	202	873204	41.44	ng		100
77) Benzidine	19.58	184	397386	37.57	ng		100
78) Pyrene	19.76	202	868975	40.47	ng		99
80) Butylbenzylphthalate	20.65	149	358086	38.64	ng		100
81) Benzo(a)anthracene	21.59	228	852208	40.62	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	228957	27.82	ng		98
83) Chrysene	21.65	228	816684	40.48	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	497121	39.02	ng		99
85) Di-n-octyl phthalate	22.68	149	816464	37.32	ng		100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1021022	38.70	ng	#	96
88) Benzo(b)fluoranthene	23.75	252	890939	41.23	ng		99
89) Benzo(k)fluoranthene	23.82	252	831214	40.95	ng		99
90) Benzo(a)pyrene	24.60	252	805330	40.02	ng		99
91) Dibenzo(a,h)anthracene	28.38	278	833020	41.19	ng		99
92) Benzo(g,h,i)perylene	29.44	276	852386	42.15	ng		95

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

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