Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045233.D
Acq On : 4 May 2020 14:30
Operator : CG/JU
Sample : PB128631BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 04 15:07:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 13:03:14 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB128631BS

Manual Integrations APPROVED
mohammad
5/6/2020 6:45:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61572	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	243818	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	180783	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	435900	20.00	ng		0.00
76) Chrysene-d12	21.64	240	412410	20.00	ng		0.00
87) Perylene-d12	24.82	264	466559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	499414	133.91	ng		0.00
7) Phenol-d6	7.16	99	665757	120.15	ng		0.00
23) Nitrobenzene-d5	9.15	82	422120	79.00	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	324040	116.02	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	983899	79.80	ng		0.00
79) Terphenyl-d14	19.99	244	1726519	91.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	73008	44.049	ng		96
3) Pyridine	3.85	79	160378	31.427	ng		96
4) n-Nitrosodimethylamine	3.76	42	71119	45.492	ng	#	97
6) Aniline	7.31	93	167800	23.291	ng		99
8) 2-Chlorophenol	7.56	128	178788	44.606	ng		96
9) Benzaldehyde	7.12	77	152014	53.196	ng		97
10) Phenol	7.18	94	238583	43.028	ng		95
11) bis(2-Chloroethyl)ether	7.41	93	168345	38.133	ng		98
12) 1,3-Dichlorobenzene	7.88	146	197112	41.733	ng		96
13) 1,4-Dichlorobenzene	8.03	146	202665	43.062	ng		99
14) 1,2-Dichlorobenzene	8.35	146	181189	40.242	ng		94
15) Benzyl Alcohol	8.23	79	177467	38.200	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	155948	35.986	ng		95
17) 2-Methylphenol	8.43	107	158131	36.963	ng		94
18) Hexachloroethane	9.08	117	74072	41.866	ng		92
19) n-Nitroso-di-n-propylamine	8.80	70	144780	36.946	ng		98
20) 3+4-Methylphenols	8.76	107	220721	36.860	ng		98
22) Acetophenone	8.81	105	271864	41.232	ng	#	98
24) Nitrobenzene	9.19	77	226463	41.346	ng		94
25) Isophorone	9.71	82	404154	36.933	ng		99
26) 2-Nitrophenol	9.91	139	100569	42.626	ng		95
27) 2,4-Dimethylphenol	9.97	122	168580	45.032	ng		95
28) bis(2-Chloroethoxy)methane	10.20	93	226222	39.347	ng		99
29) 2,4-Dichlorophenol	10.45	162	181381	41.961	ng		100
30) 1,2,4-Trichlorobenzene	10.67	180	204205	41.724	ng		99
31) Naphthalene	10.85	128	549703	41.213	ng		99
32) Benzoic acid	10.11	122	103070	35.930	ng		98
33) 4-Chloroaniline	10.95	127	94514	15.194	ng	#	94
34) Hexachlorobutadiene	11.15	225	141014	42.024	ng		99
35) Caprolactam	11.71	113	64357m	37.408	ng		
36) 4-Chloro-3-methylphenol	12.08	107	211758	41.701	ng		99
37) 2-Methylnaphthalene	12.46	142	415962	40.179	ng		98
38) 1-Methylnaphthalene	12.67	142	399597	40.886	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	231948	39.849	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	319124	87.718	ng		95
43) 2,4,6-Trichlorophenol	13.06	196	164124	39.952	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	176039	37.647	ng		97
46) 1,1'-Biphenyl	13.47	154	536851	39.070	ng		99
47) 2-Chloronaphthalene	13.51	162	407776	38.838	ng		99
48) 2-Nitroaniline	13.70	65	140152	40.571	ng		95
49) Acenaphthylene	14.35	152	693553	40.554	ng		99
50) Dimethylphthalate	14.08	163	569084	38.660	ng		98
51) 2,6-Dinitrotoluene	14.20	165	130313	39.579	ng		96
52) Acenaphthene	14.70	154	514066m	44.427	ng		
53) 3-Nitroaniline	14.53	138	69164	19.153	ng		100
54) 2,4-Dinitrophenol	14.74	184	159893	81.669	ng		97
55) Dibenzofuran	15.03	168	675184	40.023	ng		98
56) 4-Nitrophenol	14.85	139	224369	80.135	ng		96
57) 2,4-Dinitrotoluene	14.99	165	187655	39.000	ng	#	96
58) Fluorene	15.68	166	560445	40.672	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	176156	42.338	ng		98
60) Diethylphthalate	15.45	149	596950	38.896	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	303254	38.235	ng		98
62) 4-Nitroaniline	15.69	138	131546	35.122	ng		89
63) Azobenzene	15.96	77	575496	40.672	ng		96
65) 4,6-Dinitro-2-methylphenol	15.76	198	118811	41.467	ng		99
66) n-Nitrosodiphenylamine	15.89	169	506378	40.432	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	214666	38.173	ng		97
68) Hexachlorobenzene	16.69	284	232075	39.792	ng		100
69) Atrazine	16.83	200	193510	42.048	ng		97
70) Pentachlorophenol	17.03	266	290242	81.122	ng		96
71) Phenanthrene	17.42	178	931336	41.578	ng		98
72) Anthracene	17.52	178	965210	42.957	ng		99
73) Carbazole	17.78	167	886395	38.874	ng		98
74) Di-n-butylphthalate	18.34	149	1062733	42.475	ng		99
75) Fluoranthene	19.43	202	1184351	44.981	ng		99
77) Benzidine	19.61	184	574706	48.587	ng		97
78) Pyrene	19.79	202	1171237	41.195	ng		97
80) Butylbenzylphthalate	20.68	149	474144	40.232	ng		97
81) Benzo(a)anthracene	21.63	228	1130146	42.280	ng		96
82) 3,3'-Dichlorobenzidine	21.54	252	258864	24.331	ng		99
83) Chrysene	21.69	228	1069860	41.657	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	669165	41.284	ng		99
85) Di-n-octyl phthalate	22.74	149	1163615	41.514	ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1461874	42.872	ng	#	96
88) Benzo(b)fluoranthene	23.82	252	1195265	40.899	ng		99
89) Benzo(k)fluoranthene	23.89	252	1197685	43.093	ng		97
90) Benzo(a)pyrene	24.67	252	1129624	40.939	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	1182805	42.541	ng		99
92) Benzo(g,h,i)perylene	29.55	276	1212262	43.489	ng		99

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

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