Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080420\
Data File : BG046163.D
Acq On : 4 Aug 2020 9:20
Operator : CG/JU
Sample : PB130683BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB130683BS

Manual Integrations APPROVED
mohammad
8/5/2020 10:29:09 AM

Quant Time: Aug 04 10:57:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	92580	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	374604	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	247858	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	566248	20.00	ng		0.00
76) Chrysene-d12	21.57	240	585409	20.00	ng		0.00
86) Perylene-d12	24.67	264	638743	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	599172	112.51	ng		0.00
7) Phenol-d6	7.12	99	775872	106.90	ng		0.00
23) Nitrobenzene-d5	9.11	82	517235	74.76	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	398113	104.57	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1224179	71.75	ng		0.00
79) Terphenyl-d14	19.94	244	1860610	64.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	73706	30.406	ng		96
3) Pyridine	3.84	79	179317	26.872	ng		99
4) n-Nitrosodimethylamine	3.75	42	111435	39.236	ng		99
6) Aniline	7.27	93	301843	34.936	ng		96
8) 2-Chlorophenol	7.52	128	251947	42.802	ng		98
9) Benzaldehyde	7.09	77	175622	40.776	ng		97
10) Phenol	7.15	94	316104	43.346	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	233188	40.200	ng		99
12) 1,3-Dichlorobenzene	7.84	146	276618	38.770	ng		99
13) 1,4-Dichlorobenzene	7.99	146	275718	38.484	ng		99
14) 1,2-Dichlorobenzene	8.30	146	265797	39.337	ng		99
15) Benzyl Alcohol	8.19	79	225045	44.881	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	403235	42.401	ng		99
17) 2-Methylphenol	8.40	107	222139	45.120	ng		99
18) Hexachloroethane	9.04	117	95657	39.922	ng		95
19) n-Nitroso-di-n-propylamine	8.76	70	196066	41.506	ng		96
20) 3+4-Methylphenols	8.72	107	303593	45.052	ng		99
22) Acetophenone	8.77	105	366162	38.087	ng		99
24) Nitrobenzene	9.15	77	276963	37.546	ng		98
25) Isophorone	9.67	82	528160	38.364	ng		99
26) 2-Nitrophenol	9.86	139	138630	41.466	ng		95
27) 2,4-Dimethylphenol	9.92	122	240346	44.187	ng		99
28) bis(2-Chloroethoxy)methane	10.15	93	324135	43.300	ng		99
29) 2,4-Dichlorophenol	10.39	162	263663	41.208	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	277639	37.041	ng		97
31) Naphthalene	10.80	128	746176	37.646	ng		99
32) Benzoic acid	10.07	122	146776	38.919	ng		96
33) 4-Chloroaniline	10.90	127	198044	24.451	ng		99
34) Hexachlorobutadiene	11.09	225	177551	35.584	ng		97
35) Caprolactam	11.66	113	90761m	43.339	ng		
36) 4-Chloro-3-methylphenol	12.03	107	267397	42.586	ng		99
37) 2-Methylnaphthalene	12.40	142	581025	38.096	ng		98
38) 1-Methylnaphthalene	12.62	142	553523	38.353	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	326595	36.571	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	447365	87.335	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	226417	39.739	ng		98
44) 2,4,5-Trichlorophenol	13.08	196	243791	39.216	ng		99
46) 1,1'-Biphenyl	13.41	154	751233	38.636	ng		100
47) 2-Chloronaphthalene	13.46	162	579439	37.360	ng		100
48) 2-Nitroaniline	13.65	65	178031	43.792	ng		98
49) Acenaphthylene	14.30	152	939958	39.029	ng		99
50) Dimethylphthalate	14.04	163	752938	39.579	ng		100
51) 2,6-Dinitrotoluene	14.14	165	172554	38.974	ng		99
52) Acenaphthene	14.64	154	663964m	41.773	ng		
53) 3-Nitroaniline	14.47	138	120394	27.429	ng		100
54) 2,4-Dinitrophenol	14.68	184	198711	71.651	ng		91
55) Dibenzofuran	14.98	168	898818	37.476	ng		98
56) 4-Nitrophenol	14.79	139	303809	79.724	ng		94
57) 2,4-Dinitrotoluene	14.93	165	242027	39.760	ng		99
58) Fluorene	15.62	166	736770	37.933	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	243190	41.532	ng		99
60) Diethylphthalate	15.40	149	747042	39.919	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	398135	39.246	ng		99
62) 4-Nitroaniline	15.64	138	176967	40.089	ng		97
63) Azobenzene	15.91	77	679514	38.744	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	143096	38.211	ng		95
66) n-Nitrosodiphenylamine	15.84	169	668678	39.012	ng		99
67) 4-Bromophenyl-phenylether	16.51	248	276398	39.511	ng		99
68) Hexachlorobenzene	16.63	284	301662	38.457	ng		99
69) Atrazine	16.78	200	242378	36.723	ng		96
70) Pentachlorophenol	16.98	266	404275	79.431	ng		99
71) Phenanthrene	17.36	178	1192418	38.443	ng		100
72) Anthracene	17.45	178	1235473	40.044	ng		99
73) Carbazole	17.72	167	1135602	38.171	ng		100
74) Di-n-butylphthalate	18.29	149	1285760	41.346	ng		100
75) Fluoranthene	19.37	202	1502806	38.807	ng		99
77) Benzidine	19.55	184	702804	42.383	ng		99
78) Pyrene	19.73	202	1512974	38.465	ng		99
80) Butylbenzylphthalate	20.62	149	590370	41.434	ng		98
81) Benzo(a)anthracene	21.55	228	1493581	38.125	ng		100
82) 3,3'-Dichlorobenzidine	21.46	252	408905	25.135	ng		98
83) Chrysene	21.61	228	1427111	37.187	ng		100
84) Bis(2-ethylhexyl)phthalate	21.48	149	843752	41.420	ng		100
85) Di-n-octyl phthalate	22.66	149	1462910	42.414	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	1926080	39.538	ng	#	95
88) Benzo(b)fluoranthene	23.70	252	1619973	37.847	ng		100
89) Benzo(k)fluoranthene	23.76	252	1609572	38.338	ng		99
90) Benzo(a)pyrene	24.53	252	1512002	37.962	ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1570230	38.558	ng		99
92) Benzo(g,h,i)perylene	29.29	276	1605484	39.037	ng		99

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

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