Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046191.D
Acq On : 7 Aug 2020 13:30
Operator : CG/JU
Sample : PB130804BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB130804BS

Manual Integrations APPROVED
mohammad
8/10/2020 3:43:33 PM

Quant Time: Aug 07 17:25:04 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	113459	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	441506	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	299776	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	710468	20.00	ng		0.00
76) Chrysene-d12	21.57	240	716826	20.00	ng		0.00
86) Perylene-d12	24.67	264	787230	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	756122	115.85	ng		0.00
7) Phenol-d6	7.12	99	973296	109.42	ng		0.00
23) Nitrobenzene-d5	9.10	82	629513	77.20	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	567097	123.16	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1574671	76.30	ng		0.00
79) Terphenyl-d14	19.93	244	2385381	67.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	83079	27.966	ng		93
3) Pyridine	3.83	79	200543	24.522	ng		92
4) n-Nitrosodimethylamine	3.75	42	117261	33.690	ng		99
6) Aniline	7.28	93	405484	38.295	ng		99
8) 2-Chlorophenol	7.52	128	310562	43.051	ng		97
9) Benzaldehyde	7.08	77	196980	37.319	ng		98
10) Phenol	7.15	94	374108	41.859	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	280417	39.446	ng		99
12) 1,3-Dichlorobenzene	7.84	146	336860	38.525	ng		98
13) 1,4-Dichlorobenzene	7.99	146	339587	38.676	ng		99
14) 1,2-Dichlorobenzene	8.31	146	331373	40.017	ng		100
15) Benzyl Alcohol	8.19	79	262478	42.713	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	429562	36.857	ng		97
17) 2-Methylphenol	8.39	107	268650	44.525	ng		98
18) Hexachloroethane	9.04	117	115519	39.339	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	228881	39.537	ng		98
20) 3+4-Methylphenols	8.72	107	367765	44.532	ng		99
22) Acetophenone	8.77	105	438781	38.725	ng	#	96
24) Nitrobenzene	9.15	77	319441	36.742	ng		98
25) Isophorone	9.67	82	632176	38.961	ng		98
26) 2-Nitrophenol	9.86	139	179113	45.457	ng		97
27) 2,4-Dimethylphenol	9.93	122	295704	46.127	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	383331	43.448	ng		98
29) 2,4-Dichlorophenol	10.40	162	334963	44.419	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	350500	39.676	ng		98
31) Naphthalene	10.80	128	898997	38.483	ng		99
32) Benzoic acid	10.07	122	202919	44.025	ng		95
33) 4-Chloroaniline	10.90	127	282255	29.567	ng		99
34) Hexachlorobutadiene	11.10	225	226598	38.532	ng		99
35) Caprolactam	11.67	113	115190m	46.669	ng		
36) 4-Chloro-3-methylphenol	12.03	107	326360	44.100	ng		94
37) 2-Methylnaphthalene	12.41	142	723017	40.223	ng		98
38) 1-Methylnaphthalene	12.62	142	681811	40.083	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	415675	38.485	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	602896	97.314	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	298735	43.351	ng		98
44) 2,4,5-Trichlorophenol	13.08	196	321290	42.732	ng		95
46) 1,1'-Biphenyl	13.41	154	928497	39.483	ng		99
47) 2-Chloronaphthalene	13.45	162	719329	38.347	ng		98
48) 2-Nitroaniline	13.65	65	206160	41.929	ng		92
49) Acenaphthylene	14.30	152	1166442	40.045	ng		98
50) Dimethylphthalate	14.03	163	941749	40.931	ng		99
51) 2,6-Dinitrotoluene	14.15	165	222429	41.539	ng		90
52) Acenaphthene	14.65	154	850984m	44.267	ng		
53) 3-Nitroaniline	14.47	138	172366	32.469	ng		96
54) 2,4-Dinitrophenol	14.68	184	290836	85.222	ng		96
55) Dibenzofuran	14.98	168	1122112	38.683	ng		99
56) 4-Nitrophenol	14.79	139	392678	85.199	ng		98
57) 2,4-Dinitrotoluene	14.93	165	312856	42.494	ng		93
58) Fluorene	15.63	166	929708	39.576	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	316368	44.672	ng		97
60) Diethylphthalate	15.40	149	933911	41.262	ng		96
61) 4-Chlorophenyl-phenylether	15.62	204	508206	41.421	ng		96
62) 4-Nitroaniline	15.64	138	230452	43.163	ng		97
63) Azobenzene	15.91	77	791059	37.293	ng		95
65) 4,6-Dinitro-2-methylphenol	15.70	198	206621	43.974	ng		91
66) n-Nitrosodiphenylamine	15.83	169	855443	39.777	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	361524	41.189	ng		93
68) Hexachlorobenzene	16.64	284	408491	41.505	ng		95
69) Atrazine	16.78	200	320577	38.711	ng		99
70) Pentachlorophenol	16.98	266	555305	86.957	ng		99
71) Phenanthrene	17.37	178	1503072	38.621	ng		99
72) Anthracene	17.45	178	1548222	39.994	ng		98
73) Carbazole	17.72	167	1432812	38.385	ng		98
74) Di-n-butylphthalate	18.29	149	1603895	41.107	ng		99
75) Fluoranthene	19.37	202	1891009	38.920	ng		98
77) Benzidine	19.55	184	1184453	58.334	ng		98
78) Pyrene	19.73	202	1874071	38.910	ng		97
80) Butylbenzylphthalate	20.63	149	738085	42.304	ng		97
81) Benzo(a)anthracene	21.55	228	1840195	38.361	ng		98
82) 3,3'-Dichlorobenzidine	21.47	252	570827	28.656	ng		98
83) Chrysene	21.61	228	1776960	37.814	ng		98
84) Bis(2-ethylhexyl)phthalate	21.48	149	1026621	41.158	ng		97
85) Di-n-octyl phthalate	22.65	149	1775514	42.040	ng		98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2454251	40.878	ng	#	95
88) Benzo(b)fluoranthene	23.69	252	2051692	38.892	ng		98
89) Benzo(k)fluoranthene	23.76	252	1961048	37.900	ng		99
90) Benzo(a)pyrene	24.53	252	1899829	38.702	ng		98
91) Dibenzo(a,h)anthracene	28.25	278	2007371	39.995	ng		98
92) Benzo(g,h,i)perylene	29.30	276	2042110	40.288	ng		98

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

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