Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062420\
Data File : BG045844.D
Acq On : 24 Jun 2020 12:56
Operator : CG/JU
Sample : PB129710BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129710BSD

Manual Integrations APPROVED
mohammad
6/25/2020 1:06:34 PM

Quant Time: Jun 24 13:37:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	49781	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	178282	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	126134	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	311200	20.00	ng	0.00
76) Chrysene-d12	21.58	240	310584	20.00	ng	0.00
86) Perylene-d12	24.71	264	348702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	269429	91.43	ng	-0.01
7) Phenol-d6	7.15	99	372382	83.07	ng	-0.02
23) Nitrobenzene-d5	9.09	82	360962	92.49	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	181508	95.32	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	810349	94.41	ng	0.00
79) Terphenyl-d14	19.94	244	1452673	94.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	39185	29.032	ng	# 90
3) Pyridine	3.76	79	117874	29.471	ng	98
4) n-Nitrosodimethylamine	3.68	42	51846	38.618	ng	97
6) Aniline	7.25	93	184129	34.886	ng	99
8) 2-Chlorophenol	7.51	128	127436	40.400	ng	95
9) Benzaldehyde	7.06	77	64994	24.140	ng	97
10) Phenol	7.17	94	171505	39.487	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	117169	35.516	ng	97
12) 1,3-Dichlorobenzene	7.81	146	136986	36.441	ng	98
13) 1,4-Dichlorobenzene	7.96	146	138788	36.963	ng	96
14) 1,2-Dichlorobenzene	8.28	146	130368	36.268	ng	98
15) Benzyl Alcohol	8.18	79	129071	37.208	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.45	45	107569	34.597	ng	80
17) 2-Methylphenol	8.41	107	112736	34.878	ng	97
18) Hexachloroethane	9.00	117	52372	36.725	ng	99
19) n-Nitroso-di-n-propylamine	8.73	70	106509	36.141	ng	95
20) 3+4-Methylphenols	8.75	107	152211	35.806	ng	# 70
22) Acetophenone	8.75	105	195382	39.929	ng	96
24) Nitrobenzene	9.13	77	164468	39.526	ng	99
25) Isophorone	9.65	82	291321	38.560	ng	99
26) 2-Nitrophenol	9.84	139	74446	42.944	ng	95
27) 2,4-Dimethylphenol	9.93	122	115900	43.790	ng	99
28) bis(2-Chloroethoxy)methane	10.14	93	156383	39.627	ng	99
29) 2,4-Dichlorophenol	10.41	162	131471	42.576	ng	97
30) 1,2,4-Trichlorobenzene	10.60	180	147678	40.397	ng	95
31) Naphthalene	10.78	128	386669	39.671	ng	99
32) Benzoic acid	10.13	122	69058	41.685	ng	94
33) 4-Chloroaniline	10.90	127	136215	33.372	ng	97
34) Hexachlorobutadiene	11.07	225	103968	39.990	ng	98
35) Caprolactam	11.67	113	46762m	46.797	ng	
36) 4-Chloro-3-methylphenol	12.06	107	152894	42.883	ng	99
37) 2-Methylnaphthalene	12.39	142	294050	40.514	ng	98
38) 1-Methylnaphthalene	12.61	142	281086	40.925	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	166213	40.020	ng	98

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Quant Time: Jun 24 13:37:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	191273	83.019	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	114910	40.807	ng		95
44) 2,4,5-Trichlorophenol	13.11	196	122452	38.155	ng		98
46) 1,1'-Biphenyl	13.40	154	372570	41.257	ng		100
47) 2-Chloronaphthalene	13.44	162	291070	39.902	ng		99
48) 2-Nitroaniline	13.66	65	101530	41.843	ng		99
49) Acenaphthylene	14.29	152	481043	41.170	ng		99
50) Dimethylphthalate	14.03	163	415832	42.083	ng		99
51) 2,6-Dinitrotoluene	14.15	165	94689	42.665	ng		97
52) Acenaphthene	14.63	154	290320	40.992	ng		97
53) 3-Nitroaniline	14.49	138	78592	35.453	ng		91
54) 2,4-Dinitrophenol	14.70	184	107790	86.422	ng		95
55) Dibenzofuran	14.97	168	482896	41.971	ng		99
56) 4-Nitrophenol	14.86	139	119502	75.478	ng		98
57) 2,4-Dinitrotoluene	14.94	165	136415	42.900	ng	#	99
58) Fluorene	15.62	166	401868	42.005	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.21	232	119523	42.909	ng		97
60) Diethylphthalate	15.39	149	431083	42.676	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	222823	40.410	ng		98
62) 4-Nitroaniline	15.66	138	96616	42.467	ng		98
63) Azobenzene	15.91	77	411527	42.429	ng		98
65) 4,6-Dinitro-2-methylphenol	15.71	198	88822	46.184	ng		95
66) n-Nitrosodiphenylamine	15.83	169	363143	41.199	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	158266	39.140	ng		98
68) Hexachlorobenzene	16.63	284	175043	41.746	ng		91
69) Atrazine	16.78	200	138343	40.447	ng		99
70) Pentachlorophenol	16.99	266	147348	72.089	ng		92
71) Phenanthrene	17.36	178	670615	41.783	ng		98
72) Anthracene	17.46	178	684170	42.808	ng		99
73) Carbazole	17.73	167	630620	41.439	ng		99
74) Di-n-butylphthalate	18.29	149	778519	43.206	ng		99
75) Fluoranthene	19.38	202	874456	44.308	ng		99
77) Benzidine	19.56	184	522819	64.751	ng		99
78) Pyrene	19.74	202	862839	41.487	ng		100
80) Butylbenzylphthalate	20.62	149	348318	40.012	ng		93
81) Benzo(a)anthracene	21.56	228	830828	41.260	ng		100
82) 3,3'-Dichlorobenzidine	21.48	252	283692	37.246	ng		98
83) Chrysene	21.62	228	809764	41.577	ng		100
84) Bis(2-ethylhexyl)phthalate	21.47	149	500099	41.300	ng		100
85) Di-n-octyl phthalate	22.65	149	865114	41.419	ng		100
87) Indeno(1,2,3-cd)pyrene	28.26	276	1061952	42.008	ng		99
88) Benzo(b)fluoranthene	23.72	252	903902	41.343	ng		99
89) Benzo(k)fluoranthene	23.78	252	899917	43.007	ng		98
90) Benzo(a)pyrene	24.56	252	837097	40.987	ng		100
91) Dibenzo(a,h)anthracene	28.31	278	862504	42.547	ng		98
92) Benzo(g,h,i)perylene	29.38	276	866053	42.683	ng		98

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

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