Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045725.D
Acq On : 11 Jun 2020 17:35
Operator : CG/JU
Sample : PB129493BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129493BS

Manual Integrations APPROVED
mohammad
6/15/2020 8:44:27 AM

Quant Time: Jun 11 18:39:55 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	46598	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	195300	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	147816	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	365070	20.00	ng	0.00
76) Chrysene-d12	21.60	240	315587	20.00	ng	0.00
87) Perylene-d12	24.74	264	350280	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	368563	154.57	ng	0.00
7) Phenol-d6	7.14	99	536749	158.16	ng	0.00
23) Nitrobenzene-d5	9.11	82	346543	96.76	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	273047	144.44	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	817584	93.82	ng	0.00
79) Terphenyl-d14	19.95	244	1449578	107.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	42691	36.106	ng	95
3) Pyridine	3.80	79	125007	37.961	ng	97
4) n-Nitrosodimethylamine	3.71	42	53259	49.425	ng	84
6) Aniline	7.27	93	194762	43.963	ng	97
8) 2-Chlorophenol	7.51	128	141876	54.259	ng	99
9) Benzaldehyde	7.08	77	102738	46.465	ng	97
10) Phenol	7.16	94	193119	55.214	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	131326	48.137	ng	97
12) 1,3-Dichlorobenzene	7.83	146	153274	48.779	ng	99
13) 1,4-Dichlorobenzene	7.98	146	153710	49.569	ng	95
14) 1,2-Dichlorobenzene	8.30	146	140436	47.087	ng	99
15) Benzyl Alcohol	8.19	79	146605	52.293	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.47	45	127934	49.402	ng	98
17) 2-Methylphenol	8.41	107	129521	49.474	ng	96
18) Hexachloroethane	9.03	117	57290	48.238	ng	86
19) n-Nitroso-di-n-propylamine	8.75	70	124362	52.992	ng	98
20) 3+4-Methylphenols	8.74	107	177963	49.919	ng	96
22) Acetophenone	8.77	105	217033	46.887	ng	96
24) Nitrobenzene	9.15	77	189218	49.313	ng	94
25) Isophorone	9.68	82	348906	49.468	ng	99
26) 2-Nitrophenol	9.86	139	82589	50.315	ng	91
27) 2,4-Dimethylphenol	9.94	122	132555	54.448	ng	99
28) bis(2-Chloroethoxy)methane	10.16	93	185482	50.145	ng	98
29) 2,4-Dichlorophenol	10.42	162	148937	51.806	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	161922	47.665	ng	98
31) Naphthalene	10.80	128	446437	49.054	ng	98
32) Benzoic acid	10.11	122	71187	44.039	ng	96
33) 4-Chloroaniline	10.92	127	133060	34.977	ng	97
34) Hexachlorobutadiene	11.09	225	109704	45.685	ng	99
35) Caprolactam	11.69	113	55879m	52.954	ng	
36) 4-Chloro-3-methylphenol	12.06	107	181726	56.096	ng	95
37) 2-Methylnaphthalene	12.41	142	343723	50.673	ng	96
38) 1-Methylnaphthalene	12.63	142	331519	51.738	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	190841	46.223	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	226793	95.170	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	138404	48.257	ng		97
44) 2,4,5-Trichlorophenol	13.11	196	145907	44.518	ng		96
46) 1,1'-Biphenyl	13.42	154	440814	48.534	ng		99
47) 2-Chloronaphthalene	13.47	162	340411	46.155	ng		99
48) 2-Nitroaniline	13.67	65	120695	49.748	ng		95
49) Acenaphthylene	14.31	152	572141	48.295	ng		99
50) Dimethylphthalate	14.05	163	492881	48.607	ng		100
51) 2,6-Dinitrotoluene	14.16	165	113495	49.602	ng		98
52) Acenaphthene	14.65	154	342573	43.200	ng		99
53) 3-Nitroaniline	14.50	138	86841	37.335	ng		94
54) 2,4-Dinitrophenol	14.71	184	130894	86.829	ng		97
55) Dibenzofuran	14.99	168	566526	48.108	ng		98
56) 4-Nitrophenol	14.84	139	153612	87.231	ng		87
57) 2,4-Dinitrotoluene	14.96	165	161601	48.766	ng		96
58) Fluorene	15.64	166	485881	50.222	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	144000	49.940	ng		99
60) Diethylphthalate	15.41	149	514055	48.707	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	262549	47.424	ng		99
62) 4-Nitroaniline	15.67	138	114444	47.131	ng		96
63) Azobenzene	15.93	77	496572	50.459	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	103931	48.882	ng		94
66) n-Nitrosodiphenylamine	15.85	169	436115	49.755	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	184702	46.723	ng		98
68) Hexachlorobenzene	16.66	284	200515	48.497	ng		99
69) Atrazine	16.80	200	167952	46.520	ng		96
70) Pentachlorophenol	17.00	266	195659	91.137	ng		97
71) Phenanthrene	17.38	178	782949	49.127	ng		99
72) Anthracene	17.47	178	812445	50.763	ng		98
73) Carbazole	17.75	167	738940	47.366	ng		99
74) Di-n-butylphthalate	18.30	149	897391	47.925	ng		99
75) Fluoranthene	19.39	202	972325	47.966	ng		99
77) Benzidine	19.57	184	540382	60.968	ng		98
78) Pyrene	19.75	202	955991	53.141	ng		99
80) Butylbenzylphthalate	20.64	149	375242	48.325	ng		94
81) Benzo(a)anthracene	21.58	228	866548	49.291	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	277657	40.263	ng		99
83) Chrysene	21.64	228	836922	49.510	ng		100
84) Bis(2-ethylhexyl)phthalate	21.49	149	519300	48.651	ng		99
85) Di-n-octyl phthalate	22.67	149	881831	48.101	ng		99
86) Indeno(1,2,3-cd)pyrene	28.30	276	1085792	49.119	ng	#	95
88) Benzo(b)fluoranthene	23.75	252	903765	48.109	ng		99
89) Benzo(k)fluoranthene	23.81	252	932274	52.823	ng		99
90) Benzo(a)pyrene	24.59	252	853212	48.767	ng		98
91) Dibenzo(a,h)anthracene	28.36	278	888582	50.540	ng		98
92) Benzo(g,h,i)perylene	29.42	276	883578	50.249	ng		98

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

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