Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045190.D
Acq On : 28 Apr 2020 18:13
Operator : CG/JU
Sample : PB128402BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB128402BS

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:40 AM

Quant Time: Apr 28 18:50:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	62629	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	238065	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	178614	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	453493	20.00	ng	0.00
76) Chrysene-d12	21.65	240	440998	20.00	ng	0.00
87) Perylene-d12	24.82	264	491860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	318939	84.07	ng	0.00
7) Phenol-d6	7.16	99	447877	79.46	ng	0.00
23) Nitrobenzene-d5	9.15	82	399581	76.59	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	228126	82.67	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	966472	79.34	ng	0.00
79) Terphenyl-d14	19.99	244	1848437	91.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	59009	35.002	ng	93
3) Pyridine	3.84	79	166740	32.122	ng	96
4) n-Nitrosodimethylamine	3.76	42	65467	41.170	ng	91
6) Aniline	7.31	93	225291	30.743	ng	97
8) 2-Chlorophenol	7.56	128	176724	43.346	ng	98
9) Benzaldehyde	7.12	77	63387	15.086	ng	97
10) Phenol	7.18	94	240741	42.684	ng	99
11) bis(2-Chloroethyl)ether	7.41	93	162983	36.295	ng	96
12) 1,3-Dichlorobenzene	7.88	146	190212	39.593	ng	98
13) 1,4-Dichlorobenzene	8.03	146	187681	39.206	ng	98
14) 1,2-Dichlorobenzene	8.35	146	180012	39.306	ng	99
15) Benzyl Alcohol	8.23	79	170872	36.160	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	147852	33.542	ng	93
17) 2-Methylphenol	8.44	107	157276	36.142	ng	95
18) Hexachloroethane	9.08	117	73600	40.898	ng	94
19) n-Nitroso-di-n-propylamine	8.79	70	143066	35.893	ng	99
20) 3+4-Methylphenols	8.76	107	222511	36.531	ng	97
22) Acetophenone	8.81	105	259579	40.321	ng	98
24) Nitrobenzene	9.19	77	209990	39.265	ng	97
25) Isophorone	9.71	82	408822	38.263	ng	99
26) 2-Nitrophenol	9.91	139	101626	44.115	ng	97
27) 2,4-Dimethylphenol	9.97	122	165822	45.365	ng	100
28) bis(2-Chloroethoxy)methane	10.20	93	230108	40.990	ng	96
29) 2,4-Dichlorophenol	10.45	162	188185	44.587	ng	96
30) 1,2,4-Trichlorobenzene	10.66	180	201118	42.087	ng	96
31) Naphthalene	10.85	128	535491	41.118	ng	99
32) Benzoic acid	10.11	122	111918	39.243	ng	98
33) 4-Chloroaniline	10.95	127	115196	18.967	ng	96
34) Hexachlorobutadiene	11.14	225	136443	41.645	ng	99
35) Caprolactam	11.72	113	69247m	41.223	ng	
36) 4-Chloro-3-methylphenol	12.09	107	213052	42.970	ng	97
37) 2-Methylnaphthalene	12.46	142	417641	41.316	ng	96
38) 1-Methylnaphthalene	12.68	142	400319	41.950	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	231573	40.267	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	349157	97.139	ng		100
43) 2,4,6-Trichlorophenol	13.07	196	170220	41.939	ng		96
44) 2,4,5-Trichlorophenol	13.15	196	184983	40.040	ng		97
46) 1,1'-Biphenyl	13.47	154	534949	39.404	ng		99
47) 2-Chloronaphthalene	13.51	162	417392	40.237	ng		100
48) 2-Nitroaniline	13.70	65	135807	39.791	ng		99
49) Acenaphthylene	14.36	152	694582	41.107	ng		100
50) Dimethylphthalate	14.09	163	587606	40.403	ng		99
51) 2,6-Dinitrotoluene	14.20	165	136393	41.929	ng		96
52) Acenaphthene	14.70	154	540884m	47.312	ng		
53) 3-Nitroaniline	14.53	138	94716	26.548	ng		91
54) 2,4-Dinitrophenol	14.74	184	176979	91.494	ng		93
55) Dibenzofuran	15.03	168	686218	41.171	ng		98
56) 4-Nitrophenol	14.85	139	228212	82.497	ng		97
57) 2,4-Dinitrotoluene	14.99	165	193324	40.666	ng		95
58) Fluorene	15.68	166	576549	42.349	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	184828	44.962	ng		98
60) Diethylphthalate	15.45	149	625931	41.280	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	317339	40.497	ng		99
62) 4-Nitroaniline	15.69	138	141543	38.250	ng		97
63) Azobenzene	15.96	77	581903	41.624	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	133950	44.937	ng		98
66) n-Nitrosodiphenylamine	15.89	169	519387	39.862	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	223536	38.209	ng		98
68) Hexachlorobenzene	16.69	284	246603	40.643	ng		98
69) Atrazine	16.83	200	218443	46.079	ng		98
70) Pentachlorophenol	17.03	266	315488	84.758	ng		100
71) Phenanthrene	17.42	178	969942	41.622	ng		99
72) Anthracene	17.52	178	1002619	42.891	ng		99
73) Carbazole	17.78	167	932773	39.321	ng		98
74) Di-n-butylphthalate	18.34	149	1157321	44.789	ng		99
75) Fluoranthene	19.43	202	1287159	47.309	ng		99
77) Benzidine	19.61	184	708060	57.025	ng		98
78) Pyrene	19.79	202	1254784	41.272	ng		99
80) Butylbenzylphthalate	20.68	149	518614	41.153	ng		99
81) Benzo(a)anthracene	21.63	228	1182937	41.386	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	349748	30.743	ng		99
83) Chrysene	21.69	228	1192347	43.417	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	725456	41.855	ng		99
85) Di-n-octyl phthalate	22.74	149	1243922	41.502	ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1536042	42.127	ng	#	96
88) Benzo(b)fluoranthene	23.82	252	1284462	41.690	ng		99
89) Benzo(k)fluoranthene	23.88	252	1289952	44.025	ng		98
90) Benzo(a)pyrene	24.68	252	1204216	41.397	ng		97
91) Dibenzo(a,h)anthracene	28.49	278	1253060	42.749	ng		98
92) Benzo(g,h,i)perylene	29.55	276	1242360	42.276	ng		97

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

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