Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045336.D
Acq On : 12 May 2020 19:46
Operator : CG/JU
Sample : PB128809BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128809BS

Manual Integrations APPROVED
mohammad
5/14/2020 8:37:18 AM

Quant Time: May 13 01:22:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	60902	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	234298	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	175950	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	433365	20.00	ng	0.00
76) Chrysene-d12	21.63	240	394624	20.00	ng	0.00
87) Perylene-d12	24.80	264	444528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	465179	126.10	ng	0.00
7) Phenol-d6	7.14	99	641955	117.13	ng	0.00
23) Nitrobenzene-d5	9.13	82	408905	79.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	321390	118.24	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	941456	78.46	ng	0.00
79) Terphenyl-d14	19.98	244	1690623	93.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	55867	34.078	ng	96
3) Pyridine	3.82	79	130492	25.852	ng	96
4) n-Nitrosodimethylamine	3.74	42	61262	39.618	ng	84
6) Aniline	7.30	93	198556	27.863	ng	98
8) 2-Chlorophenol	7.54	128	160980	40.604	ng	98
9) Benzaldehyde	7.10	77	127782	41.955	ng	98
10) Phenol	7.17	94	220270	40.162	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	151971	34.802	ng	97
12) 1,3-Dichlorobenzene	7.87	146	176808	37.846	ng	97
13) 1,4-Dichlorobenzene	8.01	146	173029	37.170	ng	100
14) 1,2-Dichlorobenzene	8.33	146	166678	37.426	ng	97
15) Benzyl Alcohol	8.21	79	164608	35.822	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	139994	32.660	ng	94
17) 2-Methylphenol	8.42	107	144210	34.079	ng	94
18) Hexachloroethane	9.06	117	67697	38.684	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	133376	34.410	ng	98
20) 3+4-Methylphenols	8.75	107	201490	34.018	ng	98
22) Acetophenone	8.79	105	253683	40.038	ng	97
24) Nitrobenzene	9.18	77	204738	38.898	ng	97
25) Isophorone	9.70	82	383216	36.443	ng	99
26) 2-Nitrophenol	9.89	139	94291	41.589	ng	99
27) 2,4-Dimethylphenol	9.96	122	153941	42.792	ng	88
28) bis(2-Chloroethoxy)methane	10.19	93	211520	38.284	ng	96
29) 2,4-Dichlorophenol	10.43	162	167490	40.321	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	183274	38.969	ng	99
31) Naphthalene	10.83	128	501453	39.123	ng	98
32) Benzoic acid	10.10	122	80684	30.451	ng	98
33) 4-Chloroaniline	10.94	127	103402	17.298	ng	97
34) Hexachlorobutadiene	11.13	225	122867	38.104	ng	98
35) Caprolactam	11.70	113	66263m	40.081	ng	
36) 4-Chloro-3-methylphenol	12.07	107	200668	41.123	ng	96
37) 2-Methylnaphthalene	12.44	142	377840	37.980	ng	97
38) 1-Methylnaphthalene	12.66	142	359766	38.306	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	211783	37.384	ng	99

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Quant Time: May 13 01:22:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	290117	81.936	ng		98
43) 2,4,6-Trichlorophenol	13.05	196	153975	38.511	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	165701	36.409	ng		98
46) 1,1'-Biphenyl	13.45	154	485257	36.285	ng		99
47) 2-Chloronaphthalene	13.49	162	375255	36.723	ng		99
48) 2-Nitroaniline	13.69	65	130857	38.921	ng		96
49) Acenaphthylene	14.34	152	648280	38.948	ng		99
50) Dimethylphthalate	14.07	163	540628	37.736	ng		99
51) 2,6-Dinitrotoluene	14.19	165	123415	38.514	ng		95
52) Acenaphthene	14.69	154	488650m	43.390	ng		
53) 3-Nitroaniline	14.52	138	76106	21.655	ng		92
54) 2,4-Dinitrophenol	14.73	184	157164	82.480	ng		95
55) Dibenzofuran	15.02	168	624485	38.035	ng		99
56) 4-Nitrophenol	14.84	139	204403	75.009	ng		92
57) 2,4-Dinitrotoluene	14.98	165	177070	37.811	ng	#	97
58) Fluorene	15.67	166	515742	38.456	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.24	232	161154	39.797	ng		99
60) Diethylphthalate	15.44	149	562441	37.654	ng		100
61) 4-Chlorophenyl-phenylether	15.66	204	288566	37.382	ng		99
62) 4-Nitroaniline	15.68	138	124054	34.031	ng		91
63) Azobenzene	15.95	77	528142	38.351	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	118731	41.682	ng		96
66) n-Nitrosodiphenylamine	15.87	169	471818	37.893	ng		100
67) 4-Bromophenyl-phenylether	16.55	248	200992	35.951	ng		98
68) Hexachlorobenzene	16.68	284	218047	37.605	ng		97
69) Atrazine	16.82	200	187339	40.805	ng		95
70) Pentachlorophenol	17.02	266	260101	73.123	ng		95
71) Phenanthrene	17.41	178	865684	38.873	ng		99
72) Anthracene	17.50	178	897915	40.196	ng		98
73) Carbazole	17.77	167	828014	36.526	ng		96
74) Di-n-butylphthalate	18.33	149	986040	39.172	ng		99
75) Fluoranthene	19.42	202	1085483	40.909	ng		97
77) Benzidine	19.60	184	627122	56.372	ng		97
78) Pyrene	19.78	202	1073241	39.449	ng		98
80) Butylbenzylphthalate	20.67	149	435014	38.575	ng		97
81) Benzo(a)anthracene	21.61	228	1011501	39.547	ng		97
82) 3,3'-Dichlorobenzidine	21.52	252	249753	24.533	ng	#	99
83) Chrysene	21.68	228	960260	39.075	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	607055	39.140	ng		99
85) Di-n-octyl phthalate	22.72	149	1029222	38.375	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1252782	38.396	ng	#	97
88) Benzo(b)fluoranthene	23.79	252	1061720m	38.130	ng		
89) Benzo(k)fluoranthene	23.86	252	1026529	38.765	ng		98
90) Benzo(a)pyrene	24.64	252	976491	37.143	ng	#	97
91) Dibenzo(a,h)anthracene	28.45	278	1023159	38.623	ng		97
92) Benzo(g,h,i)perylene	29.52	276	1046711	39.411	ng		97

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

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