Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045047.D
Acq On : 18 Apr 2020 1:47
Operator : CG/JU
Sample : PB128298BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128298BSD

Manual Integrations APPROVED
mohammad
4/20/2020 2:28:13 PM

Quant Time: Apr 18 03:11:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	62530	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	277084	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	214318	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	533949	20.00	ng	0.00
76) Chrysene-d12	21.67	240	479006	20.00	ng	0.00
87) Perylene-d12	24.85	264	537843	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	552500	145.87	ng	0.00
7) Phenol-d6	7.19	99	802806	142.66	ng	0.00
23) Nitrobenzene-d5	9.18	82	501997	82.67	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	440743	133.12	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1254386	85.82	ng	0.00
79) Terphenyl-d14	20.01	244	2058702	93.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	55628	33.048	ng	98
3) Pyridine	3.88	79	166657	32.157	ng	96
4) n-Nitrosodimethylamine	3.79	42	66281	41.748	ng	98
6) Aniline	7.34	93	213984	29.246	ng	98
8) 2-Chlorophenol	7.59	128	215552	52.954	ng	99
9) Benzaldehyde	7.15	77	101291	29.253	ng	100
10) Phenol	7.21	94	293413	52.105	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	191529	42.720	ng	99
12) 1,3-Dichlorobenzene	7.91	146	208987	43.570	ng	98
13) 1,4-Dichlorobenzene	8.06	146	212403	44.440	ng	100
14) 1,2-Dichlorobenzene	8.38	146	202085	44.195	ng	92
15) Benzyl Alcohol	8.26	79	225998	47.901	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	182386	41.442	ng	98
17) 2-Methylphenol	8.46	107	198845	45.767	ng	97
18) Hexachloroethane	9.11	117	79776	44.400	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	179248	45.041	ng	97
20) 3+4-Methylphenols	8.79	107	284031	46.706	ng	97
22) Acetophenone	8.84	105	329258	43.942	ng	97
24) Nitrobenzene	9.22	77	267291	42.941	ng	96
25) Isophorone	9.75	82	521539	41.939	ng	99
26) 2-Nitrophenol	9.93	139	128280	47.844	ng	98
27) 2,4-Dimethylphenol	10.00	122	214562	50.434	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	293012	44.845	ng	100
29) 2,4-Dichlorophenol	10.48	162	245507	49.977	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	247065	44.421	ng	97
31) Naphthalene	10.88	128	667789	44.056	ng	98
32) Benzoic acid	10.15	122	160851	46.961	ng	96
33) 4-Chloroaniline	10.98	127	64792	9.166	ng	96
34) Hexachlorobutadiene	11.18	225	165109	43.298	ng	98
35) Caprolactam	11.75	113	94236m	48.199	ng	
36) 4-Chloro-3-methylphenol	12.11	107	282008	48.868	ng	99
37) 2-Methylnaphthalene	12.48	142	532709	45.278	ng	99
38) 1-Methylnaphthalene	12.71	142	507402	45.683	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	295096	42.765	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	435661	101.013	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	224724	46.144	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	246454	44.459	ng		98
46) 1,1'-Biphenyl	13.49	154	686841	42.164	ng		99
47) 2-Chloronaphthalene	13.53	162	538932	43.298	ng		99
48) 2-Nitroaniline	13.73	65	181398	44.294	ng		99
49) Acenaphthylene	14.38	152	907793	44.775	ng		99
50) Dimethylphthalate	14.11	163	777270	44.541	ng		99
51) 2,6-Dinitrotoluene	14.22	165	176911	45.324	ng		97
52) Acenaphthene	14.72	154	691579m	50.416	ng		
53) 3-Nitroaniline	14.55	138	76450	17.858	ng	#	95
54) 2,4-Dinitrophenol	14.76	184	233632	100.661	ng		97
55) Dibenzofuran	15.06	168	888917	44.448	ng		97
56) 4-Nitrophenol	14.87	139	291229	87.739	ng		98
57) 2,4-Dinitrotoluene	15.01	165	253246	44.397	ng	#	96
58) Fluorene	15.71	166	735438	45.021	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	240116	48.681	ng		98
60) Diethylphthalate	15.48	149	801995	44.080	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	409867	43.591	ng		100
62) 4-Nitroaniline	15.72	138	177959	40.079	ng		92
63) Azobenzene	15.99	77	756385	45.092	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	167688	47.779	ng		97
66) n-Nitrosodiphenylamine	15.91	169	675638	44.040	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	290293	42.143	ng		99
68) Hexachlorobenzene	16.72	284	315549	44.169	ng		96
69) Atrazine	16.86	200	279936	50.626	ng		99
70) Pentachlorophenol	17.06	266	396828	90.546	ng		98
71) Phenanthrene	17.45	178	1208410	44.041	ng		99
72) Anthracene	17.53	178	1226875	44.576	ng		99
73) Carbazole	17.80	167	1125886	40.310	ng		98
74) Di-n-butylphthalate	18.37	149	1334091	43.704	ng		99
75) Fluoranthene	19.45	202	1461032	45.351	ng		99
77) Benzidine	19.63	184	674184	49.142	ng		97
78) Pyrene	19.81	202	1432586	43.382	ng		99
80) Butylbenzylphthalate	20.70	149	580115	42.380	ng		100
81) Benzo(a)anthracene	21.65	228	1362530	43.887	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	345330	27.946	ng	#	94
83) Chrysene	21.71	228	1310476	43.932	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	814165	43.246	ng		96
85) Di-n-octyl phthalate	22.77	149	1396191	42.887	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1763331	44.523	ng		98
88) Benzo(b)fluoranthene	23.85	252	1481445	43.973	ng		99
89) Benzo(k)fluoranthene	23.91	252	1441784	45.000	ng		99
90) Benzo(a)pyrene	24.71	252	1374413	43.209	ng		98
91) Dibenzo(a,h)anthracene	28.54	278	1438397	44.877	ng		97
92) Benzo(g,h,i)perylene	29.61	276	1459449	45.418	ng		98

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

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