Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045399.D
Acq On : 15 May 2020 16:31
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG051520

Manual Integrations APPROVED
mohammad
5/18/2020 1:20:11 PM

Quant Time: May 15 17:08:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 15:45:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	71727	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	274139	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	190326	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	439355	20.00	ng	0.00
76) Chrysene-d12	21.62	240	420810	20.00	ng	0.00
87) Perylene-d12	24.78	264	472448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	290389	79.12	ng	0.00
7) Phenol-d6	7.14	99	416539	79.74	ng	0.00
23) Nitrobenzene-d5	9.13	82	407566	81.07	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	188408	77.41	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	911013	81.19	ng	0.00
79) Terphenyl-d14	19.98	244	1505983	83.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	70024	38.474	ng	98
3) Pyridine	3.82	79	202488	39.947	ng	97
4) n-Nitrosodimethylamine	3.73	42	63044	38.008	ng	100
6) Aniline	7.29	93	268258	39.338	ng	98
8) 2-Chlorophenol	7.54	128	158889	39.477	ng	98
9) Benzaldehyde	7.10	77	141875	41.686	ng	97
10) Phenol	7.17	94	214835	39.904	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	167217	39.819	ng	97
12) 1,3-Dichlorobenzene	7.86	146	191659	39.626	ng	97
13) 1,4-Dichlorobenzene	8.01	146	189356	39.671	ng	97
14) 1,2-Dichlorobenzene	8.33	146	179559	39.112	ng	96
15) Benzyl Alcohol	8.21	79	169069	39.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.50	45	155787	39.082	ng	96
17) 2-Methylphenol	8.42	107	159328	39.538	ng	98
18) Hexachloroethane	9.06	117	71698	39.220	ng	94
19) n-Nitroso-di-n-propylamine	8.78	70	145406	40.253	ng	98
20) 3+4-Methylphenols	8.75	107	222202	40.492	ng	96
22) Acetophenone	8.79	105	265502	40.863	ng	97
24) Nitrobenzene	9.17	77	217501	40.382	ng	99
25) Isophorone	9.70	82	401379	40.542	ng	99
26) 2-Nitrophenol	9.89	139	97279	42.221	ng	92
27) 2,4-Dimethylphenol	9.95	122	139095	40.703	ng	98
28) bis(2-Chloroethoxy)methane	10.18	93	215138	41.436	ng	98
29) 2,4-Dichlorophenol	10.43	162	168240	41.691	ng	99
30) 1,2,4-Trichlorobenzene	10.64	180	193719	40.625	ng	97
31) Naphthalene	10.83	128	515279	40.336	ng	98
32) Benzoic acid	10.10	122	84189	38.682	ng	92
33) 4-Chloroaniline	10.93	127	221743	41.526	ng	99
34) Hexachlorobutadiene	11.12	225	136647	40.540	ng	98
35) Caprolactam	11.70	113	57177	38.602	ng	85
36) 4-Chloro-3-methylphenol	12.07	107	182913	40.225	ng	96
37) 2-Methylnaphthalene	12.43	142	387818	40.731	ng	96
38) 1-Methylnaphthalene	12.66	142	356097	39.592	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	215679	40.571	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	12.79	237	126632	41.270	ng		98
43) 2,4,6-Trichlorophenol	13.05	196	147237	39.870	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	170480	40.398	ng		99
46) 1,1'-Biphenyl	13.45	154	470475	40.230	ng		98
47) 2-Chloronaphthalene	13.49	162	376906	39.689	ng		98
48) 2-Nitroaniline	13.69	65	124323	39.798	ng		97
49) Acenaphthylene	14.33	152	606349	39.751	ng		98
50) Dimethylphthalate	14.07	163	509312	39.009	ng		100
51) 2,6-Dinitrotoluene	14.18	165	116390	39.506	ng		95
52) Acenaphthene	14.68	154	411182m	40.270	ng		
53) 3-Nitroaniline	14.51	138	119114	39.772	ng	#	92
54) 2,4-Dinitrophenol	14.72	184	68459	38.511	ng		97
55) Dibenzofuran	15.01	168	592151	39.053	ng		97
56) 4-Nitrophenol	14.83	139	87949	38.788	ng		94
57) 2,4-Dinitrotoluene	14.97	165	168530	39.498	ng		100
58) Fluorene	15.67	166	495907	39.809	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	144832	39.010	ng		97
60) Diethylphthalate	15.43	149	518881	38.183	ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	279947	39.272	ng		98
62) 4-Nitroaniline	15.68	138	119260	38.144	ng		99
63) Azobenzene	15.95	77	493725	38.964	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	104709	40.921	ng		98
66) n-Nitrosodiphenylamine	15.87	169	433972	41.139	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	195405	41.073	ng		96
68) Hexachlorobenzene	16.68	284	203242	40.845	ng		97
69) Atrazine	16.82	200	176349	40.587	ng		98
70) Pentachlorophenol	17.02	266	109842	42.513	ng		96
71) Phenanthrene	17.40	178	782072	40.775	ng		99
72) Anthracene	17.49	178	780526	40.523	ng		99
73) Carbazole	17.76	167	763961	40.690	ng		100
74) Di-n-butylphthalate	18.33	149	903444	40.091	ng		100
75) Fluoranthene	19.41	202	982474	40.272	ng		99
77) Benzidine	19.59	184	474355	40.136	ng		98
78) Pyrene	19.78	202	991877	41.349	ng		99
80) Butylbenzylphthalate	20.66	149	416485	40.225	ng		100
81) Benzo(a)anthracene	21.60	228	950133	40.531	ng		100
82) 3,3'-Dichlorobenzidine	21.52	252	375296	40.814	ng		99
83) Chrysene	21.67	228	920715	40.847	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	581071	40.826	ng		99
85) Di-n-octyl phthalate	22.71	149	1015136	41.527	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1201579	40.765	ng		99
88) Benzo(b)fluoranthene	23.78	252	1040561	41.067	ng		99
89) Benzo(k)fluoranthene	23.85	252	974067	40.919	ng		99
90) Benzo(a)pyrene	24.64	252	966038	40.937	ng	#	95
91) Dibenzo(a,h)anthracene	28.44	278	960797	40.517	ng		98
92) Benzo(g,h,i)perylene	29.49	276	961415	40.538	ng		98

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

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