Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045164.D
Acq On : 24 Apr 2020 17:02
Operator : CG/JU
Sample : L2399-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-AMS

Manual Integrations APPROVED
mohammad
4/27/2020 3:05:43 PM

Quant Time: Apr 24 17:57:30 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 24 13:00:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	71769	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	301016	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	213522	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	499935	20.00	ng	0.00
76) Chrysene-d12	21.65	240	447382	20.00	ng	0.00
87) Perylene-d12	24.82	264	495951	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	457724	105.29	ng	0.00
7) Phenol-d6	7.17	99	687327	106.42	ng	0.00
23) Nitrobenzene-d5	9.16	82	442081	67.01	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	320451	97.15	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1035917	71.14	ng	0.00
79) Terphenyl-d14	19.99	244	1713671	83.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	75311	38.982	ng	99
3) Pyridine	3.86	79	205552	34.556	ng	93
4) n-Nitrosodimethylamine	3.77	42	80757	44.318	ng	99
6) Aniline	7.32	93	247265	29.445	ng	98
8) 2-Chlorophenol	7.57	128	231935	49.644	ng	97
9) Benzaldehyde	7.13	77	109007	26.766	ng	97
10) Phenol	7.20	94	317694	49.154	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	209049	40.625	ng	98
12) 1,3-Dichlorobenzene	7.89	146	243389	44.210	ng	98
13) 1,4-Dichlorobenzene	8.03	146	242632	44.230	ng	97
14) 1,2-Dichlorobenzene	8.36	146	232670	44.334	ng	96
15) Benzyl Alcohol	8.24	79	236506	43.675	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	194700	38.545	ng	99
17) 2-Methylphenol	8.45	107	210535	42.220	ng	93
18) Hexachloroethane	9.09	117	90099	43.690	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	189480	41.483	ng	98
20) 3+4-Methylphenols	8.77	107	289787	41.518	ng	98
22) Acetophenone	8.82	105	344932	42.374	ng	98
24) Nitrobenzene	9.20	77	288184	42.617	ng	94
25) Isophorone	9.73	82	523377	38.740	ng	99
26) 2-Nitrophenol	9.91	139	135976	46.682	ng	99
27) 2,4-Dimethylphenol	9.98	122	211833	45.833	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	296763	41.808	ng	98
29) 2,4-Dichlorophenol	10.46	162	248516	46.567	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	265360	43.917	ng	97
31) Naphthalene	10.86	128	700844	42.561	ng	98
32) Benzoic acid	10.14	122	147911	40.729	ng	95
33) 4-Chloroaniline	10.96	127	113461	14.774	ng	97
34) Hexachlorobutadiene	11.15	225	180643	43.605	ng	99
35) Caprolactam	11.73	113	83549m	39.336	ng	
36) 4-Chloro-3-methylphenol	12.09	107	280992	44.821	ng	96
37) 2-Methylnaphthalene	12.46	142	541887	42.396	ng	97
38) 1-Methylnaphthalene	12.68	142	519596	43.062	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	301836	43.904	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 24 13:00:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	440811	102.589	ng		97
43) 2,4,6-Trichlorophenol	13.07	196	220727	45.492	ng		93
44) 2,4,5-Trichlorophenol	13.15	196	236294	42.785	ng		98
46) 1,1'-Biphenyl	13.47	154	691187	42.589	ng		99
47) 2-Chloronaphthalene	13.51	162	533481	43.020	ng		97
48) 2-Nitroaniline	13.71	65	173624	42.554	ng		97
49) Acenaphthylene	14.36	152	889892	44.056	ng		99
50) Dimethylphthalate	14.10	163	875300	50.345	ng		98
51) 2,6-Dinitrotoluene	14.21	165	167836	43.160	ng		99
52) Acenaphthene	14.71	154	678477m	49.645	ng		
53) 3-Nitroaniline	14.54	138	99305	23.284	ng		98
54) 2,4-Dinitrophenol	14.74	184	227648	98.448	ng		94
55) Dibenzofuran	15.04	168	865216	43.424	ng		98
56) 4-Nitrophenol	14.86	139	281338	85.075	ng		94
57) 2,4-Dinitrotoluene	14.99	165	236890	41.684	ng		97
58) Fluorene	15.69	166	718534	44.150	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	233210	47.457	ng		98
60) Diethylphthalate	15.46	149	748899	41.315	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	396341	42.310	ng		98
62) 4-Nitroaniline	15.70	138	169230	38.255	ng		93
63) Azobenzene	15.97	77	717964	42.961	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	159732	48.608	ng		98
66) n-Nitrosodiphenylamine	15.89	169	639977	44.554	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	273923	42.472	ng		96
68) Hexachlorobenzene	16.70	284	299309	44.747	ng		97
69) Atrazine	16.85	200	265292	51.307	ng		98
70) Pentachlorophenol	17.04	266	368857	89.890	ng		100
71) Phenanthrene	17.43	178	1140604	44.398	ng		99
72) Anthracene	17.52	178	1178680	45.738	ng		99
73) Carbazole	17.79	167	1092447	41.774	ng		99
74) Di-n-butylphthalate	18.35	149	1272955	44.672	ng		99
75) Fluoranthene	19.44	202	1409821	46.957	ng		99
77) Benzidine	19.61	184	733170	58.347	ng		98
78) Pyrene	19.79	202	1382811	44.834	ng		100
80) Butylbenzylphthalate	20.69	149	555686	43.465	ng		99
81) Benzo(a)anthracene	21.63	228	1280067	44.145	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	291245	25.235	ng		96
83) Chrysene	21.70	228	1245453	44.703	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	755780	42.983	ng		98
85) Di-n-octyl phthalate	22.75	149	1291169	42.464	ng		99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1660012	44.877	ng		98
88) Benzo(b)fluoranthene	23.82	252	1385853	44.610	ng		98
89) Benzo(k)fluoranthene	23.89	252	1360251	46.042	ng		99
90) Benzo(a)pyrene	24.68	252	1279659	43.628	ng	#	98
91) Dibenzo(a,h)anthracene	28.51	278	1342532	45.424	ng		97
92) Benzo(g,h,i)perylene	29.57	276	1347783	45.485	ng		96

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

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