Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045165.D
Acq On : 24 Apr 2020 17:42
Operator : CG/JU
Sample : L2399-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-AMSD

Manual Integrations APPROVED
mohammad
4/27/2020 3:05:46 PM

Quant Time: Apr 24 18:28:29 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	69479	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	272419	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	198974	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	465271	20.00	ng		0.00
76) Chrysene-d12	21.65	240	422392	20.00	ng		0.00
87) Perylene-d12	24.83	264	472039	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	485762	115.43	ng		0.00
7) Phenol-d6	7.17	99	712896	114.01	ng		0.00
23) Nitrobenzene-d5	9.16	82	455602	76.31	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	323507	105.24	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1061192	78.20	ng		0.00
79) Terphenyl-d14	20.00	244	1779973	91.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	75757	40.506	ng		98
3) Pyridine	3.85	79	209714	36.418	ng		93
4) n-Nitrosodimethylamine	3.77	42	84836	48.091	ng	#	94
6) Aniline	7.32	93	252487	31.057	ng		98
8) 2-Chlorophenol	7.57	128	231537	51.192	ng		97
9) Benzaldehyde	7.13	77	107150	27.335	ng		94
10) Phenol	7.20	94	318195	50.855	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	214099	42.978	ng		97
12) 1,3-Dichlorobenzene	7.89	146	243875	45.758	ng		98
13) 1,4-Dichlorobenzene	8.04	146	251639	47.383	ng		98
14) 1,2-Dichlorobenzene	8.35	146	231554	45.575	ng		94
15) Benzyl Alcohol	8.24	79	234229	44.680	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	194430	39.760	ng		95
17) 2-Methylphenol	8.45	107	209318	43.359	ng		94
18) Hexachloroethane	9.09	117	94095	47.131	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	187198	42.334	ng		99
20) 3+4-Methylphenols	8.78	107	285968	42.321	ng		97
22) Acetophenone	8.82	105	343206	46.588	ng	#	98
24) Nitrobenzene	9.20	77	284338	46.462	ng		95
25) Isophorone	9.73	82	523688	42.833	ng		97
26) 2-Nitrophenol	9.92	139	133647	50.699	ng		90
27) 2,4-Dimethylphenol	9.98	122	212589	50.826	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	292039	45.461	ng		99
29) 2,4-Dichlorophenol	10.46	162	242397	50.189	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	257568	47.102	ng		92
31) Naphthalene	10.86	128	708806	47.563	ng		99
32) Benzoic acid	10.13	122	158494	47.051	ng		96
33) 4-Chloroaniline	10.96	127	122278	17.594	ng		97
34) Hexachlorobutadiene	11.16	225	176102	46.971	ng		98
35) Caprolactam	11.73	113	84811m	44.122	ng		
36) 4-Chloro-3-methylphenol	12.10	107	280017	49.354	ng		98
37) 2-Methylnaphthalene	12.47	142	534317	46.193	ng		97
38) 1-Methylnaphthalene	12.68	142	510654	46.764	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	295647	46.148	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	421700	105.316	ng		98
43) 2,4,6-Trichlorophenol	13.07	196	218652	48.359	ng		97
44) 2,4,5-Trichlorophenol	13.15	196	234978	45.657	ng		99
46) 1,1'-Biphenyl	13.47	154	674911	44.627	ng		99
47) 2-Chloronaphthalene	13.51	162	528722	45.754	ng		99
48) 2-Nitroaniline	13.71	65	171775	45.179	ng		99
49) Acenaphthylene	14.36	152	861185	45.752	ng		99
50) Dimethylphthalate	14.09	163	859434	53.047	ng		99
51) 2,6-Dinitrotoluene	14.21	165	164981	45.527	ng		97
52) Acenaphthene	14.70	154	667403m	52.405	ng		
53) 3-Nitroaniline	14.53	138	102006	25.666	ng		97
54) 2,4-Dinitrophenol	14.75	184	220405	102.285	ng		92
55) Dibenzofuran	15.04	168	840513	45.269	ng		99
56) 4-Nitrophenol	14.86	139	277623	90.090	ng		94
57) 2,4-Dinitrotoluene	15.00	165	235572	44.483	ng	#	97
58) Fluorene	15.69	166	690208	45.510	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	229971	50.219	ng		99
60) Diethylphthalate	15.46	149	728172	43.109	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	385519	44.163	ng		98
62) 4-Nitroaniline	15.70	138	166836	40.472	ng		94
63) Azobenzene	15.97	77	700756	44.997	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	163645	53.509	ng		96
66) n-Nitrosodiphenylamine	15.90	169	621171	46.467	ng		100
67) 4-Bromophenyl-phenylether	16.57	248	271672	45.261	ng		98
68) Hexachlorobenzene	16.70	284	296097	47.564	ng		99
69) Atrazine	16.84	200	265658	55.611	ng		99
70) Pentachlorophenol	17.04	266	369146	96.663	ng		98
71) Phenanthrene	17.43	178	1131391	47.321	ng		99
72) Anthracene	17.52	178	1154918	48.155	ng		99
73) Carbazole	17.78	167	1087956	44.701	ng		98
74) Di-n-butylphthalate	18.35	149	1258163	47.878	ng		98
75) Fluoranthene	19.43	202	1407950	50.911	ng		99
77) Benzidine	19.61	184	721177	61.075	ng		98
78) Pyrene	19.80	202	1386423	47.611	ng		98
80) Butylbenzylphthalate	20.68	149	556238	46.082	ng		100
81) Benzo(a)anthracene	21.63	228	1295106	47.306	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	329985	30.283	ng		99
83) Chrysene	21.70	228	1276318	48.521	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	767157	46.211	ng		100
85) Di-n-octyl phthalate	22.75	149	1318674	45.935	ng		99
86) Indeno(1,2,3-cd)pyrene	28.44	276	1692202	48.454	ng	#	96
88) Benzo(b)fluoranthene	23.82	252	1442719	48.793	ng		99
89) Benzo(k)fluoranthene	23.89	252	1351041	48.046	ng		99
90) Benzo(a)pyrene	24.68	252	1312859	47.027	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	1374143	48.849	ng		96
92) Benzo(g,h,i)perylene	29.56	276	1392618	49.379	ng		97

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

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