Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043040.D
Acq On : 4 Oct 2019 22:44
Operator : JU
Sample : K5154-13MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103-IMSD

Manual Integrations APPROVED
mohammad
10/9/2019 8:31:57 AM

Quant Time: Oct 05 06:35:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	79561	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	298771	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	217632	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	496593	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	531712	20.00	ng		-0.02
87) Perylene-d12	24.91	264	631792	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	341699	76.65	ng		-0.01
7) Phenol-d6	7.23	99	313724	48.87	ng		-0.01
23) Nitrobenzene-d5	9.23	82	464642	75.59	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	430977	115.16	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1072393	71.43	ng		-0.02
79) Terphenyl-d14	20.03	244	1941299	77.80	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	63309	34.060	ng		91
3) Pyridine	3.94	79	117659	22.506	ng		88
4) n-Nitrosodimethylamine	3.86	42	60756	24.167	ng	#	85
6) Aniline	7.39	93	214514	27.680	ng		98
8) 2-Chlorophenol	7.63	128	193220	41.559	ng		95
9) Benzaldehyde	7.20	77	140455	35.802	ng		94
10) Phenol	7.26	94	141887	24.089	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	167367	36.725	ng		97
12) 1,3-Dichlorobenzene	7.95	146	192512	32.459	ng		99
13) 1,4-Dichlorobenzene	8.10	146	198048	33.497	ng		98
14) 1,2-Dichlorobenzene	8.42	146	186916	33.206	ng		98
15) Benzyl Alcohol	8.30	79	174488	36.150	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	261969	29.932	ng		97
17) 2-Methylphenol	8.51	107	154718	37.540	ng		94
18) Hexachloroethane	9.15	117	67976	30.528	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	151598	35.962	ng		94
20) 3+4-Methylphenols	8.84	107	189916	33.625	ng		92
22) Acetophenone	8.88	105	296860	38.546	ng		95
24) Nitrobenzene	9.27	77	233197	39.773	ng		97
25) Isophorone	9.79	82	434688	40.259	ng		98
26) 2-Nitrophenol	9.98	139	118334	47.410	ng		96
27) 2,4-Dimethylphenol	10.04	122	191814	50.042	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	240792	39.307	ng		99
29) 2,4-Dichlorophenol	10.52	162	214655	45.027	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	224659	36.493	ng		98
31) Naphthalene	10.92	128	574700	39.076	ng		99
32) Benzoic acid	10.15	122	44149	18.157	ng		88
33) 4-Chloroaniline	11.02	127	125544	19.672	ng		98
34) Hexachlorobutadiene	11.21	225	152778	33.144	ng		98
35) Caprolactam	11.80	113	23235m	13.821	ng		
36) 4-Chloro-3-methylphenol	12.15	107	225908	43.584	ng		97
37) 2-Methylnaphthalene	12.52	142	443642	39.541	ng		95
38) 1-Methylnaphthalene	12.73	142	419655	39.528	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	293737	35.897	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	371823	71.316	ng		93
43) 2,4,6-Trichlorophenol	13.12	196	200164	41.793	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	210187	42.601	ng		99
46) 1,1'-Biphenyl	13.52	154	608685	36.881	ng		99
47) 2-Chloronaphthalene	13.56	162	475551	38.432	ng		99
48) 2-Nitroaniline	13.76	65	156031	37.919	ng		92
49) Acenaphthylene	14.41	152	753382	39.790	ng		99
50) Dimethylphthalate	14.14	163	802587	49.219	ng		99
51) 2,6-Dinitrotoluene	14.25	165	146775	42.267	ng		89
52) Acenaphthene	14.75	154	469813	37.071	ng		97
53) 3-Nitroaniline	14.58	138	78632	21.911	ng		95
54) 2,4-Dinitrophenol	14.79	184	182882	84.727	ng		92
55) Dibenzofuran	15.08	168	734690	39.189	ng		98
56) 4-Nitrophenol	14.90	139	114007	41.694	ng		98
57) 2,4-Dinitrotoluene	15.04	165	200257	39.380	ng		93
58) Fluorene	15.73	166	612658	38.277	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	210212	40.015	ng	#	99
60) Diethylphthalate	15.50	149	617935	37.236	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	357460	37.238	ng		99
62) 4-Nitroaniline	15.75	138	143489	36.661	ng		98
63) Azobenzene	16.01	77	543946	36.002	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	130378	46.397	ng		90
66) n-Nitrosodiphenylamine	15.94	169	547308	41.749	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	256111	41.091	ng		98
68) Hexachlorobenzene	16.73	284	277892	40.044	ng		98
69) Atrazine	16.88	200	206645	37.434	ng		93
70) Pentachlorophenol	17.08	266	341228	85.214	ng		99
71) Phenanthrene	17.47	178	961826	39.673	ng		97
72) Anthracene	17.56	178	986069	40.742	ng		100
73) Carbazole	17.83	167	892030	39.745	ng		99
74) Di-n-butylphthalate	18.39	149	1015180	37.911	ng		99
75) Fluoranthene	19.47	202	1209850	37.729	ng		99
77) Benzidine	19.65	184	714496	53.667	ng		99
78) Pyrene	19.84	202	1242232	39.143	ng		99
80) Butylbenzylphthalate	20.72	149	480796	39.913	ng		99
81) Benzo(a)anthracene	21.68	228	1286286	38.825	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	278927	21.466	ng		96
83) Chrysene	21.74	228	1242727	38.653	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	692136	40.379	ng		97
85) Di-n-octyl phthalate	22.79	149	1168933	41.704	ng		97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1660528	41.487	ng	#	98
88) Benzo(b)fluoranthene	23.90	252	1373537	38.422	ng		99
89) Benzo(k)fluoranthene	23.96	252	1363190	38.546	ng		99
90) Benzo(a)pyrene	24.76	252	1358574	40.281	ng		98
91) Dibenzo(a,h)anthracene	28.65	278	1402686	40.558	ng		99
92) Benzo(g,h,i)perylene	29.72	276	1371310	40.923	ng		98

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

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