Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043489.D
Acq On : 4 Nov 2019 20:24
Operator : JU
Sample : K5658-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-30-SMS

Manual Integrations APPROVED
mohammad
11/5/2019 10:41:10 AM

Quant Time: Nov 05 01:30:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30018	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	121026	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	89590	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	234280	20.00	ng		0.00
76) Chrysene-d12	21.65	240	277408	20.00	ng		0.00
87) Perylene-d12	24.85	264	341782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	197260	120.42	ng		0.00
7) Phenol-d6	7.19	99	283761	120.40	ng		0.00
23) Nitrobenzene-d5	9.17	82	169495	72.20	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	192100	112.68	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	475921	73.40	ng		0.00
79) Terphenyl-d14	20.00	244	1113510	75.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	21358	33.457	ng		96
3) Pyridine	3.87	79	55540	34.490	ng		97
4) n-Nitrosodimethylamine	3.78	42	33155	40.802	ng	#	95
6) Aniline	7.34	93	55534	20.454	ng		98
8) 2-Chlorophenol	7.58	128	76499	42.304	ng		99
9) Benzaldehyde	7.15	77	38521	33.257	ng		95
10) Phenol	7.22	94	105687	49.072	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	63324	38.029	ng		95
12) 1,3-Dichlorobenzene	7.90	146	86735	38.282	ng		97
13) 1,4-Dichlorobenzene	8.05	146	86174	37.593	ng		97
14) 1,2-Dichlorobenzene	8.36	146	82334	36.786	ng		99
15) Benzyl Alcohol	8.25	79	67368	40.700	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	81290	33.574	ng		98
17) 2-Methylphenol	8.47	107	67895	43.244	ng		96
18) Hexachloroethane	9.09	117	29776	36.003	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	56391	37.027	ng		97
20) 3+4-Methylphenols	8.80	107	87884	40.820	ng		94
22) Acetophenone	8.83	105	113302	36.557	ng	#	95
24) Nitrobenzene	9.22	77	85178	38.089	ng	#	98
25) Isophorone	9.73	82	161595	37.651	ng		99
26) 2-Nitrophenol	9.93	139	44601	41.311	ng		93
27) 2,4-Dimethylphenol	10.00	122	72024	46.545	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	85980	36.297	ng		96
29) 2,4-Dichlorophenol	10.48	162	81421	41.066	ng		94
30) 1,2,4-Trichlorobenzene	10.68	180	90534	36.230	ng		97
31) Naphthalene	10.87	128	238758	38.865	ng		99
32) Benzoic acid	10.15	122	38528	35.510	ng		91
33) 4-Chloroaniline	10.99	127	28197	11.197	ng		97
34) Hexachlorobutadiene	11.15	225	62516	33.843	ng		96
35) Caprolactam	11.74	113	28534m	41.787	ng		
36) 4-Chloro-3-methylphenol	12.11	107	92691	42.859	ng		98
37) 2-Methylnaphthalene	12.47	142	187674	39.816	ng		98
38) 1-Methylnaphthalene	12.69	142	180538	40.255	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	117600	35.469	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	96230	55.251	ng		95
43) 2,4,6-Trichlorophenol	13.08	196	79010	40.464	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	82326	41.705	ng		96
46) 1,1'-Biphenyl	13.48	154	251860	36.954	ng		95
47) 2-Chloronaphthalene	13.52	162	193395	37.294	ng		99
48) 2-Nitroaniline	13.73	65	58950	38.035	ng		93
49) Acenaphthylene	14.36	152	329341	40.806	ng		99
50) Dimethylphthalate	14.09	163	328282	47.307	ng		96
51) 2,6-Dinitrotoluene	14.22	165	60960	40.436	ng		91
52) Acenaphthene	14.70	154	192325	39.076	ng		93
53) 3-Nitroaniline	14.56	138	26532	18.229	ng	#	99
54) 2,4-Dinitrophenol	14.76	184	63625	68.716	ng		95
55) Dibenzofuran	15.04	168	316593	39.665	ng		97
56) 4-Nitrophenol	14.89	139	95651	98.064	ng		94
57) 2,4-Dinitrotoluene	15.00	165	90735	42.115	ng	#	93
58) Fluorene	15.69	166	268911	40.170	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	85591	40.810	ng		94
60) Diethylphthalate	15.46	149	273921	39.285	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	148929	38.135	ng		97
62) 4-Nitroaniline	15.71	138	59126	39.334	ng		91
63) Azobenzene	15.97	77	225765	40.008	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	54030	39.188	ng		97
66) n-Nitrosodiphenylamine	15.90	169	247213	37.375	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	111038	35.218	ng		95
68) Hexachlorobenzene	16.70	284	124750	34.470	ng		94
69) Atrazine	16.84	200	112249	48.839	ng		94
70) Pentachlorophenol	17.05	266	133754	81.108	ng		99
71) Phenanthrene	17.43	178	459060	38.265	ng		99
72) Anthracene	17.52	178	471464	39.279	ng		97
73) Carbazole	17.79	167	446949	41.119	ng		98
74) Di-n-butylphthalate	18.35	149	517236	39.218	ng		98
75) Fluoranthene	19.44	202	638004	40.792	ng		98
77) Benzidine	19.62	184	284929	51.036	ng		100
78) Pyrene	19.80	202	654595	38.122	ng		99
80) Butylbenzylphthalate	20.68	149	249332	38.326	ng		98
81) Benzo(a)anthracene	21.64	228	699503	40.255	ng		100
82) 3,3'-Dichlorobenzidine	21.55	252	135640	20.182	ng		98
83) Chrysene	21.70	228	673683	39.020	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	363624	39.348	ng		100
85) Di-n-octyl phthalate	22.74	149	641632	40.925	ng		98
86) Indeno(1,2,3-cd)pyrene	28.50	276	911585	42.063	ng	#	99
88) Benzo(b)fluoranthene	23.84	252	733531	37.894	ng		100
89) Benzo(k)fluoranthene	23.90	252	765733	39.294	ng		98
90) Benzo(a)pyrene	24.70	252	694251	37.558	ng		97
91) Dibenzo(a,h)anthracene	28.55	278	769823	40.715	ng		99
92) Benzo(g,h,i)perylene	29.63	276	763376	40.931	ng		99

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

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