Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042690.D
Acq On : 3 Sep 2019 15:56
Operator : HP/JU
Sample : K4554-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-13-(13-15)MS

Manual Integrations APPROVED
mohammad
9/6/2019 8:17:29 AM

Quant Time: Sep 04 04:43:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	37746	20.00	ng		-0.01
21) Naphthalene-d8	10.81	136	143109	20.00	ng		-0.01
39) Acenaphthene-d10	14.66	164	112896	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	265102	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	278635	20.00	ng		-0.01
87) Perylene-d12	24.93	264	341718	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	225377	120.93	ng		0.00
7) Phenol-d6	7.17	99	303555	120.58	ng		0.00
23) Nitrobenzene-d5	9.16	82	172965	83.52	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	219644	136.88	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	578771	86.71	ng		0.00
79) Terphenyl-d14	20.02	244	1072688	83.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	21028	27.036	ng		99
3) Pyridine	3.82	79	50769	25.456	ng		100
4) n-Nitrosodimethylamine	3.73	42	26846	37.688	ng		88
6) Aniline	7.32	93	73923	22.016	ng		99
8) 2-Chlorophenol	7.56	128	90566	40.096	ng		98
9) Benzaldehyde	7.13	77	48183	38.230	ng		98
10) Phenol	7.19	94	124883	48.789	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	67294	33.476	ng		96
12) 1,3-Dichlorobenzene	7.88	146	104084	36.224	ng		98
13) 1,4-Dichlorobenzene	8.03	146	107127	36.807	ng		98
14) 1,2-Dichlorobenzene	8.35	146	101286	36.339	ng		97
15) Benzyl Alcohol	8.24	79	68840	38.008	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	87846	32.241	ng		99
17) 2-Methylphenol	8.45	107	72678	38.550	ng		93
18) Hexachloroethane	9.09	117	35583	35.712	ng		91
19) n-Nitroso-di-n-propylamine	8.81	70	55496	34.027	ng		96
20) 3+4-Methylphenols	8.78	107	98715	37.839	ng		96
22) Acetophenone	8.82	105	126734	41.405	ng	#	98
24) Nitrobenzene	9.21	77	84278	40.188	ng		99
25) Isophorone	9.73	82	155915	38.149	ng		100
26) 2-Nitrophenol	9.93	139	55631	42.331	ng		96
27) 2,4-Dimethylphenol	9.99	122	86075	47.548	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	98167	38.109	ng		100
29) 2,4-Dichlorophenol	10.47	162	109670	46.304	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	125362	43.122	ng		99
31) Naphthalene	10.87	128	280149	42.165	ng		100
32) Benzoic acid	10.15	122	33013	29.020	ng		98
33) 4-Chloroaniline	10.99	127	50807	16.565	ng		97
34) Hexachlorobutadiene	11.16	225	85476	43.748	ng		98
35) Caprolactam	11.76	113	32087m	40.600	ng		
36) 4-Chloro-3-methylphenol	12.11	107	99650	44.320	ng		98
37) 2-Methylnaphthalene	12.48	142	232840	43.644	ng		97
38) 1-Methylnaphthalene	12.70	142	218681	43.153	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164376	45.339	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	129567	68.035	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	104252	42.541	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	109999	43.315	ng		99
46) 1,1'-Biphenyl	13.49	154	310581	42.559	ng		98
47) 2-Chloronaphthalene	13.53	162	260387	41.380	ng		98
48) 2-Nitroaniline	13.74	65	56266	37.081	ng		94
49) Acenaphthylene	14.38	152	408194	43.118	ng		99
50) Dimethylphthalate	14.11	163	365698	44.894	ng		100
51) 2,6-Dinitrotoluene	14.23	165	80346	42.553	ng		97
52) Acenaphthene	14.72	154	236739	41.183	ng		99
53) 3-Nitroaniline	14.56	138	44640	23.640	ng		99
54) 2,4-Dinitrophenol	14.78	184	75438	60.892	ng		95
55) Dibenzofuran	15.06	168	420756	44.219	ng		98
56) 4-Nitrophenol	14.89	139	108288	80.704	ng		94
57) 2,4-Dinitrotoluene	15.03	165	115594	42.753	ng		98
58) Fluorene	15.71	166	339408	43.635	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	113586m	45.228	ng		
60) Diethylphthalate	15.47	149	322011	40.438	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	202896	43.272	ng		98
62) 4-Nitroaniline	15.73	138	78437	38.811	ng		95
63) Azobenzene	15.99	77	217484	39.858	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	68651	41.304	ng		98
66) n-Nitrosodiphenylamine	15.91	169	311143	42.678	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	143495	42.673	ng		99
68) Hexachlorobenzene	16.72	284	152360	41.680	ng		98
69) Atrazine	16.86	200	117507	45.578	ng		96
70) Pentachlorophenol	17.07	266	158115	83.249	ng		97
71) Phenanthrene	17.45	178	577671	43.869	ng		100
72) Anthracene	17.54	178	587040	44.657	ng		99
73) Carbazole	17.81	167	506273	43.212	ng		99
74) Di-n-butylphthalate	18.36	149	575070	41.523	ng		99
75) Fluoranthene	19.46	202	741056	46.112	ng		98
77) Benzidine	19.64	184	288853	36.158	ng		97
78) Pyrene	19.83	202	747437	43.753	ng		99
80) Butylbenzylphthalate	20.70	149	268348	39.938	ng		96
81) Benzo(a)anthracene	21.67	228	748637	44.168	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	189619	27.816	ng		99
83) Chrysene	21.73	228	716366	43.823	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	384846	41.252	ng		99
85) Di-n-octyl phthalate	22.78	149	664618	41.421	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	932298	41.968	ng	#	73
88) Benzo(b)fluoranthene	23.90	252	816502	43.462	ng		99
89) Benzo(k)fluoranthene	23.96	252	791149	43.812	ng		98
90) Benzo(a)pyrene	24.78	252	806817	45.259	ng		98
91) Dibenzo(a,h)anthracene	28.71	278	787745	43.643	ng		98
92) Benzo(g,h,i)perylene	29.80	276	776573	43.018	ng		97

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

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