Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042511.D
Acq On : 27 Aug 2019 19:30
Operator : HP/JU
Sample : K4551-18MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S402-K1-1.0-1.5-082619MS

Manual Integrations APPROVED
mohammad
8/29/2019 7:58:17 AM

Quant Time: Aug 28 02:19:15 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	33217	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	127287	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	97880	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	243333	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	303549	20.00	ng		-0.01
87) Perylene-d12	24.93	264	361024	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	102757	62.65	ng		0.00
7) Phenol-d6	7.16	99	140711	63.51	ng		-0.01
23) Nitrobenzene-d5	9.16	82	79844	43.35	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	89351	64.23	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	242636	41.93	ng		0.00
79) Terphenyl-d14	20.02	244	543284	38.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	12046	17.600	ng		98
3) Pyridine	3.83	79	23415	13.341	ng		97
4) n-Nitrosodimethylamine	3.74	42	10723	17.106	ng		99
6) Aniline	7.31	93	43684	14.784	ng		98
8) 2-Chlorophenol	7.56	128	42084	21.172	ng		99
9) Benzaldehyde	7.13	77	23726	21.392	ng		93
10) Phenol	7.19	94	55122	24.471	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	33801	19.107	ng		97
12) 1,3-Dichlorobenzene	7.89	146	47657	18.847	ng		96
13) 1,4-Dichlorobenzene	8.03	146	48190	18.815	ng		98
14) 1,2-Dichlorobenzene	8.36	146	46990	19.158	ng		98
15) Benzyl Alcohol	8.24	79	29266	18.362	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	45418	18.942	ng		98
17) 2-Methylphenol	8.45	107	34934	21.056	ng		94
18) Hexachloroethane	9.09	117	16325	18.618	ng		99
19) n-Nitroso-di-n-propylamine	8.80	70	28275	19.700	ng		96
20) 3+4-Methylphenols	8.78	107	47500	20.690	ng		96
22) Acetophenone	8.82	105	60926	22.379	ng	#	100
24) Nitrobenzene	9.21	77	39502	21.178	ng		96
25) Isophorone	9.73	82	80016	22.012	ng		99
26) 2-Nitrophenol	9.93	139	26503	22.674	ng		91
27) 2,4-Dimethylphenol	9.99	122	41680	25.886	ng		99
28) bis(2-Chloroethoxy)methane	10.21	93	48792	21.296	ng		99
29) 2,4-Dichlorophenol	10.48	162	49143	23.328	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	53252	20.594	ng		97
31) Naphthalene	10.87	128	131032	22.173	ng		98
33) 4-Chloroaniline	10.98	127	43538	15.959	ng		97
34) Hexachlorobutadiene	11.16	225	35213	20.263	ng		98
35) Caprolactam	11.74	113	14401m	20.487	ng		
36) 4-Chloro-3-methylphenol	12.11	107	47412	23.708	ng		95
37) 2-Methylnaphthalene	12.48	142	107362	22.626	ng		99
38) 1-Methylnaphthalene	12.70	142	102391	22.717	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	69957	22.256	ng		100
41) Hexachlorocyclopentadiene	12.83	237	65755	39.824	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.09	196	47347	22.285	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	52032	23.632	ng		97
46) 1,1'-Biphenyl	13.49	154	144057	22.768	ng		98
47) 2-Chloronaphthalene	13.53	162	117665	21.568	ng		99
48) 2-Nitroaniline	13.73	65	27232	20.700	ng		96
49) Acenaphthylene	14.37	152	190654	23.229	ng		99
50) Dimethylphthalate	14.10	163	184799	26.167	ng		99
51) 2,6-Dinitrotoluene	14.23	165	37733	23.050	ng		90
52) Acenaphthene	14.72	154	110288	22.129	ng		98
53) 3-Nitroaniline	14.56	138	27975	17.087	ng		92
54) 2,4-Dinitrophenol	14.79	184	7631	12.635	ng		94
55) Dibenzofuran	15.06	168	197573	23.949	ng		96
56) 4-Nitrophenol	14.89	139	52563	45.183	ng		99
57) 2,4-Dinitrotoluene	15.02	165	54549	23.270	ng		96
58) Fluorene	15.70	166	162334	24.072	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	47039	21.604	ng	#	88
60) Diethylphthalate	15.47	149	162781	23.578	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	92291	22.703	ng		96
62) 4-Nitroaniline	15.72	138	41491	23.680	ng		95
63) Azobenzene	15.99	77	111515	23.573	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	17693	11.597	ng		96
66) n-Nitrosodiphenylamine	15.91	169	151276	22.606	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	65085	21.087	ng		98
68) Hexachlorobenzene	16.72	284	70695	21.070	ng		97
69) Atrazine	16.86	200	59767	25.256	ng		100
70) Pentachlorophenol	17.07	266	38149	21.883	ng		94
71) Phenanthrene	17.45	178	288387	23.860	ng		99
72) Anthracene	17.54	178	292328	24.227	ng		98
73) Carbazole	17.81	167	270896	25.190	ng		98
74) Di-n-butylphthalate	18.37	149	320605	25.220	ng		99
75) Fluoranthene	19.46	202	407559	27.629	ng		96
77) Benzidine	19.64	184	153908	17.685	ng		97
78) Pyrene	19.83	202	417594	22.439	ng		97
80) Butylbenzylphthalate	20.71	149	164491	22.472	ng		98
81) Benzo(a)anthracene	21.67	228	436717	23.650	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	130516	17.574	ng		97
83) Chrysene	21.73	228	426786	23.966	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	240224	23.637	ng		97
85) Di-n-octyl phthalate	22.78	149	410707	23.496	ng		99
86) Indeno(1,2,3-cd)pyrene	28.62	276	544768	22.510	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	473865	23.875	ng		98
89) Benzo(k)fluoranthene	23.96	252	463399	24.290	ng		98
90) Benzo(a)pyrene	24.77	252	462723	24.569	ng		100
91) Dibenzo(a,h)anthracene	28.68	278	452125	23.709	ng		100
92) Benzo(g,h,i)perylene	29.78	276	454504	23.831	ng		97

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

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