Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041834.D
Acq On : 31 Jul 2019 15:31
Operator : HP/JU
Sample : K4044-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-6MSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:35 PM

Quant Time: Jul 31 16:37:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	70442	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	303653	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	261038	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	671848	20.00	ng		0.00
76) Chrysene-d12	21.74	240	680406	20.00	ng		0.00
87) Perylene-d12	25.01	264	801956	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	489012	135.07	ng		0.00
7) Phenol-d6	7.20	99	702289	143.88	ng		0.00
23) Nitrobenzene-d5	9.21	82	410941	93.13	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	475818	160.48	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1152788	77.89	ng		0.00
79) Terphenyl-d14	20.06	244	2210908	74.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	42761	25.093	ng		95
3) Pyridine	3.86	79	106133	22.712	ng		92
4) n-Nitrosodimethylamine	3.77	42	62260	33.609	ng		95
6) Aniline	7.35	93	142035	20.666	ng		95
8) 2-Chlorophenol	7.60	128	173695	41.896	ng		94
9) Benzaldehyde	7.17	77	94665	27.563	ng		94
10) Phenol	7.22	94	213137	41.973	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	143706	34.424	ng		93
12) 1,3-Dichlorobenzene	7.94	146	177838	32.866	ng		97
13) 1,4-Dichlorobenzene	8.08	146	182664	33.738	ng		96
14) 1,2-Dichlorobenzene	8.40	146	174260	33.730	ng		97
15) Benzyl Alcohol	8.28	79	153993	40.102	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.57	45	241640	32.535	ng		97
17) 2-Methylphenol	8.48	107	152980	41.424	ng		99
18) Hexachloroethane	9.13	117	61103	32.956	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	127952	36.107	ng		94
20) 3+4-Methylphenols	8.81	107	215958	42.733	ng		98
22) Acetophenone	8.86	105	250626	36.900	ng	#	93
24) Nitrobenzene	9.25	77	186507	40.121	ng		97
25) Isophorone	9.78	82	374370	39.002	ng		100
26) 2-Nitrophenol	9.97	139	108923	50.486	ng		94
27) 2,4-Dimethylphenol	10.03	122	172610	45.331	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	218466	36.421	ng		100
29) 2,4-Dichlorophenol	10.51	162	217487	46.902	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	211991	36.051	ng		96
31) Naphthalene	10.91	128	535157	38.508	ng		97
32) Benzoic acid	10.09	122	15285m	13.326	ng		
33) 4-Chloroaniline	11.02	127	130257	19.764	ng		93
34) Hexachlorobutadiene	11.21	225	131748	33.197	ng		98
35) Caprolactam	11.79	113	95282m	59.126	ng		
36) 4-Chloro-3-methylphenol	12.14	107	234965	51.110	ng		96
37) 2-Methylnaphthalene	12.52	142	446858	40.623	ng		98
38) 1-Methylnaphthalene	12.74	142	428549	41.109	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	282418	34.179	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	299378	64.443	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	222872	42.675	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	250841	46.219	ng		94
46) 1,1'-Biphenyl	13.54	154	598027	35.639	ng		96
47) 2-Chloronaphthalene	13.58	162	497879	34.849	ng		96
48) 2-Nitroaniline	13.77	65	159145	43.921	ng		86
49) Acenaphthylene	14.42	152	836483	39.142	ng		97
50) Dimethylphthalate	14.15	163	929911	52.161	ng		99
51) 2,6-Dinitrotoluene	14.26	165	177287	47.558	ng		87
52) Acenaphthene	14.76	154	537373	38.662	ng		98
53) 3-Nitroaniline	14.59	138	106344	26.665	ng	#	96
54) 2,4-Dinitrophenol	14.80	184	105740	53.656	ng		88
55) Dibenzofuran	15.10	168	850858	40.022	ng		94
56) 4-Nitrophenol	14.90	139	350720	115.855	ng		91
57) 2,4-Dinitrotoluene	15.05	165	258549	50.433	ng		92
58) Fluorene	15.75	166	707353	41.460	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	269754	50.185	ng		92
60) Diethylphthalate	15.52	149	747083	42.684	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	409266	39.294	ng		94
62) 4-Nitroaniline	15.76	138	193086	44.699	ng		97
63) Azobenzene	16.03	77	575096	40.223	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	135788	42.252	ng		86
66) n-Nitrosodiphenylamine	15.96	169	693055	37.870	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	295172	35.667	ng		97
68) Hexachlorobenzene	16.76	284	306177	35.363	ng		92
69) Atrazine	16.90	200	281495	39.149	ng		100
70) Pentachlorophenol	17.10	266	387623	78.810	ng		98
71) Phenanthrene	17.50	178	1224455	38.022	ng		95
72) Anthracene	17.58	178	1256724	39.128	ng		96
73) Carbazole	17.85	167	1159208	40.212	ng		95
74) Di-n-butylphthalate	18.42	149	1283293	39.267	ng		96
75) Fluoranthene	19.50	202	1551548	39.637	ng		92
77) Benzidine	19.68	184	312817	14.085	ng		95
78) Pyrene	19.86	202	1537773	38.146	ng		94
80) Butylbenzylphthalate	20.75	149	610432	39.495	ng		91
81) Benzo(a)anthracene	21.71	228	1510022	37.511	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	397054	24.566	ng		97
83) Chrysene	21.78	228	1480252	38.360	ng		95
84) Bis(2-ethylhexyl)phthalate	21.63	149	850898	39.910	ng		99
85) Di-n-octyl phthalate	22.87	149	1467057	40.887	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1957368	38.318	ng	#	88
88) Benzo(b)fluoranthene	23.97	252	1678582	38.262	ng	#	96
89) Benzo(k)fluoranthene	24.04	252	1621378	37.941	ng	#	97
90) Benzo(a)pyrene	24.86	252	1651894	39.261	ng	#	96
91) Dibenzo(a,h)anthracene	28.82	278	1603802	38.820	ng	#	96
92) Benzo(g,h,i)perylene	29.92	276	1621370	39.281	ng	#	94

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

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