Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041858.D
Acq On : 1 Aug 2019 11:43
Operator : HP/JU
Sample : K3621-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-072919MSD

Manual Integrations APPROVED
mohammad
8/5/2019 1:47:22 PM

Quant Time: Aug 01 15:12:06 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	8.05	152	102589	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	389076	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	279000	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	637012	20.00	ng		0.00
76) Chrysene-d12	21.74	240	644182	20.00	ng		0.00
87) Perylene-d12	25.01	264	744326	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	677078	128.41	ng		0.00
7) Phenol-d6	7.20	99	855530	120.35	ng		0.00
23) Nitrobenzene-d5	9.21	82	615285	108.83	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	552677	174.40	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1575278	99.58	ng		0.00
79) Terphenyl-d14	20.07	244	2516584	89.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	79865	32.181	ng	#	30
3) Pyridine	3.89	79	189806	27.890	ng		88
4) n-Nitrosodimethylamine	3.79	42	108081	40.061	ng		99
6) Aniline	7.36	93	207278	20.708	ng		94
8) 2-Chlorophenol	7.60	128	285826	47.339	ng		95
9) Benzaldehyde	7.17	77	137060	27.401	ng		92
10) Phenol	7.22	94	294323	39.798	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	256695	42.221	ng		94
12) 1,3-Dichlorobenzene	7.93	146	329057	41.757	ng		99
13) 1,4-Dichlorobenzene	8.08	146	331365	42.024	ng		97
14) 1,2-Dichlorobenzene	8.40	146	312316	41.509	ng		96
15) Benzyl Alcohol	8.28	79	254929	45.584	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	423690	39.171	ng		97
17) 2-Methylphenol	8.49	107	241910	44.978	ng		98
18) Hexachloroethane	9.14	117	118359	43.833	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	215120	41.683	ng		91
20) 3+4-Methylphenols	8.82	107	327956	44.559	ng		99
22) Acetophenone	8.87	105	427216	49.090	ng	#	93
24) Nitrobenzene	9.25	77	305593	51.305	ng		99
25) Isophorone	9.78	82	588999	47.890	ng		99
26) 2-Nitrophenol	9.97	139	178081	64.419	ng		93
27) 2,4-Dimethylphenol	10.03	122	283525	58.111	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	357044	46.455	ng		99
29) 2,4-Dichlorophenol	10.51	162	335260	56.426	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	364249	48.344	ng		98
31) Naphthalene	10.92	128	864988	48.576	ng		98
32) Benzoic acid	10.11	122	29857	15.737	ng		93
33) 4-Chloroaniline	11.02	127	48505	5.744	ng		98
34) Hexachlorobutadiene	11.21	225	238002	46.804	ng		99
35) Caprolactam	11.81	113	86680m	41.979	ng		
36) 4-Chloro-3-methylphenol	12.15	107	329993	56.021	ng		99
37) 2-Methylnaphthalene	12.53	142	691008	49.026	ng		99
38) 1-Methylnaphthalene	12.75	142	658818	49.323	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	446435	50.550	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	515234	103.766	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	314586	56.358	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	341582	58.887	ng		95
46) 1,1'-Biphenyl	13.53	154	897980	50.069	ng		96
47) 2-Chloronaphthalene	13.57	162	739360	48.420	ng		97
48) 2-Nitroaniline	13.77	65	216728	55.963	ng		91
49) Acenaphthylene	14.42	152	1149681	50.334	ng		98
50) Dimethylphthalate	14.15	163	979666	51.414	ng		99
51) 2,6-Dinitrotoluene	14.27	165	239068	60.002	ng	#	87
52) Acenaphthene	14.77	154	727812	48.992	ng		100
53) 3-Nitroaniline	14.59	138	75610	17.738	ng	#	93
54) 2,4-Dinitrophenol	14.80	184	88293	44.417	ng		93
55) Dibenzofuran	15.10	168	1138731	50.115	ng		97
56) 4-Nitrophenol	14.90	139	357851	110.600	ng		95
57) 2,4-Dinitrotoluene	15.05	165	331813	60.557	ng		90
58) Fluorene	15.75	166	926724	50.821	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	337211	58.696	ng		90
60) Diethylphthalate	15.52	149	955439	51.074	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	567574	50.985	ng		96
62) 4-Nitroaniline	15.76	138	241422	52.291	ng		96
63) Azobenzene	16.04	77	750817	49.132	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	122109	40.427	ng		85
66) n-Nitrosodiphenylamine	15.95	169	886423	51.085	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	393413	50.137	ng		97
68) Hexachlorobenzene	16.76	284	396509	48.301	ng		94
69) Atrazine	16.91	200	347162	50.921	ng		99
70) Pentachlorophenol	17.10	266	239713	51.403	ng		99
71) Phenanthrene	17.49	178	1516433	49.664	ng		98
72) Anthracene	17.59	178	1556232	51.104	ng		97
73) Carbazole	17.85	167	1381914	50.560	ng		97
74) Di-n-butylphthalate	18.42	149	1542584	49.783	ng		98
75) Fluoranthene	19.50	202	1841200	49.609	ng		95
77) Benzidine	19.68	184	316143	15.036	ng		97
78) Pyrene	19.87	202	1840674	48.227	ng		97
80) Butylbenzylphthalate	20.75	149	749681	51.231	ng		89
81) Benzo(a)anthracene	21.72	228	1858685	48.768	ng		98
82) 3,3'-Dichlorobenzidine	21.63	252	334918	21.887	ng	#	96
83) Chrysene	21.79	228	1788240	48.948	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	1044566	51.749	ng		98
85) Di-n-octyl phthalate	22.87	149	1775620	52.269	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.76	276	2452056	50.702	ng	#	94
88) Benzo(b)fluoranthene	23.97	252	2039082	50.078	ng	#	97
89) Benzo(k)fluoranthene	24.04	252	2039130	51.411	ng	#	97
90) Benzo(a)pyrene	24.86	252	2039206	52.218	ng	#	97
91) Dibenzo(a,h)anthracene	28.82	278	1999591	52.147	ng	#	96
92) Benzo(g,h,i)perylene	29.92	276	2035068	53.122	ng	#	95

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

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