Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080219\
Data File : BG041891.D
Acq On : 2 Aug 2019 16:47
Operator : HP/JU
Sample : K4130-17MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1S-M-(0-30)-COMPMSD

Quant Time: Aug 02 18:32:15 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	91762	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	382193	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	293946	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	665854	20.00	ng		0.00
76) Chrysene-d12	21.74	240	661728	20.00	ng		0.00
87) Perylene-d12	25.01	264	793051	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	494997	104.95	ng		0.00
7) Phenol-d6	7.19	99	693710	109.10	ng		0.00
23) Nitrobenzene-d5	9.20	82	410805	73.97	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	419289	125.58	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1126456	67.59	ng		0.00
79) Terphenyl-d14	20.06	244	1831786	63.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	58513	26.359	ng		92
3) Pyridine	3.86	79	169360	27.822	ng		90
4) n-Nitrosodimethylamine	3.77	42	86043	35.656	ng		98
6) Aniline	7.36	93	204145	22.801	ng		95
8) 2-Chlorophenol	7.60	128	239467	44.341	ng		95
9) Benzaldehyde	7.17	77	119972	26.815	ng		94
10) Phenol	7.22	94	300550	45.435	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	198831	36.562	ng		95
12) 1,3-Dichlorobenzene	7.93	146	256454	36.383	ng		98
13) 1,4-Dichlorobenzene	8.08	146	263828	37.407	ng		98
14) 1,2-Dichlorobenzene	8.40	146	251801	37.415	ng		95
15) Benzyl Alcohol	8.28	79	207590	41.499	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	336023	34.731	ng		96
17) 2-Methylphenol	8.48	107	206888	43.005	ng		98
18) Hexachloroethane	9.14	117	90948	37.656	ng		89
19) n-Nitroso-di-n-propylamine	8.85	70	172198	37.303	ng		90
20) 3+4-Methylphenols	8.81	107	287621	43.690	ng		99
22) Acetophenone	8.86	105	333154	38.971	ng	#	93
24) Nitrobenzene	9.25	77	251091	42.914	ng		98
25) Isophorone	9.78	82	480082	39.737	ng		99
26) 2-Nitrophenol	9.97	139	160797	59.214	ng		96
27) 2,4-Dimethylphenol	10.03	122	239359	49.943	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	283809	37.591	ng		98
29) 2,4-Dichlorophenol	10.51	162	296603	50.819	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	298579	40.342	ng		98
31) Naphthalene	10.91	128	722069	41.280	ng		97
32) Benzoic acid	10.20	122	7027m	10.408	ng		
33) 4-Chloroaniline	11.01	127	163513	19.712	ng		97
34) Hexachlorobutadiene	11.21	225	193883	38.814	ng		98
35) Caprolactam	11.80	113	105082m	51.807	ng		
36) 4-Chloro-3-methylphenol	12.14	107	293659	50.750	ng		97
37) 2-Methylnaphthalene	12.52	142	592800	42.815	ng		100
38) 1-Methylnaphthalene	12.74	142	559377	42.632	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	386289	41.516	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	375594	71.797 ng		99
43) 2,4,6-Trichlorophenol	13.13	196	304458	51.771 ng		99
44) 2,4,5-Trichlorophenol	13.20	196	324532	53.103 ng		96
46) 1,1'-Biphenyl	13.53	154	779962	41.277 ng		97
47) 2-Chloronaphthalene	13.58	162	644616	40.069 ng		98
48) 2-Nitroaniline	13.77	65	192118	47.086 ng		91
49) Acenaphthylene	14.42	152	1031745	42.874 ng		98
50) Dimethylphthalate	14.15	163	955467	47.594 ng		100
51) 2,6-Dinitrotoluene	14.26	165	209918	50.007 ng		88
52) Acenaphthene	14.77	154	675752	43.175 ng		99
53) 3-Nitroaniline	14.59	138	139203	30.997 ng	#	87
54) 2,4-Dinitrophenol	14.80	184	99600	46.815 ng		87
55) Dibenzofuran	15.10	168	1042525	43.548 ng		96
56) 4-Nitrophenol	14.90	139	383796	112.587 ng		95
57) 2,4-Dinitrotoluene	15.06	165	293628	50.864 ng		91
58) Fluorene	15.75	166	863012	44.921 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	315829	52.179 ng	#	92
60) Diethylphthalate	15.51	149	848917	43.072 ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	502840	42.873 ng		96
62) 4-Nitroaniline	15.76	138	217221	44.657 ng		96
63) Azobenzene	16.04	77	678160	42.121 ng		93
65) 4,6-Dinitro-2-methylphenol	15.82	198	131959	41.563 ng		89
66) n-Nitrosodiphenylamine	15.96	169	790660	43.593 ng		99
67) 4-Bromophenyl-phenylether	16.64	248	349155	42.569 ng		97
68) Hexachlorobenzene	16.76	284	355808	41.466 ng	#	92
69) Atrazine	16.90	200	302730	42.481 ng		98
70) Pentachlorophenol	17.10	266	355542	72.938 ng		99
71) Phenanthrene	17.49	178	1850043	57.965 ng		99
72) Anthracene	17.59	178	1519527	47.737 ng		98
73) Carbazole	17.85	167	1249579	43.738 ng		97
74) Di-n-butylphthalate	18.42	149	1352063	41.744 ng		97
75) Fluoranthene	19.50	202	2556832	65.907 ng		95
77) Benzidine	19.68	184	708128	32.785 ng		97
78) Pyrene	19.87	202	2478910	63.227 ng		96
80) Butylbenzylphthalate	20.75	149	655175	43.586 ng		91
81) Benzo(a)anthracene	21.72	228	2286803	58.410 ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	406203	25.842 ng		95
83) Chrysene	21.78	228	2142414	57.087 ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	915592	44.157 ng		99
85) Di-n-octyl phthalate	22.86	149	1560844	44.728 ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2587712	52.088 ng	#	93
88) Benzo(b)fluoranthene	23.98	252	2558081	58.964 ng		98
89) Benzo(k)fluoranthene	24.05	252	2127550	50.345 ng	#	97
90) Benzo(a)pyrene	24.87	252	2416606m	58.080 ng		
91) Dibenzo(a,h)anthracene	28.82	278	1905752m	46.647 ng		
92) Benzo(g,h,i)perylene	29.93	276	2189250	53.635 ng	#	94

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

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