Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043665.D
Acq On : 16 Nov 2019 00:25
Operator : JU
Sample : K5832-10MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
8-(8-10)MS

Manual Integrations APPROVED
mohammad
11/18/2019 3:07:13 PM

Quant Time: Nov 16 02:35:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	22906	20.00	ng		-0.02
21) Naphthalene-d8	10.80	136	93286	20.00	ng		-0.02
39) Acenaphthene-d10	14.62	164	72578	20.00	ng		-0.02
64) Phenanthrene-d10	17.37	188	184514	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	199167	20.00	ng		-0.02
87) Perylene-d12	24.82	264	237238	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	219206	175.36	ng		0.00
7) Phenol-d6	7.19	99	328957	182.91	ng		0.00
23) Nitrobenzene-d5	9.16	82	196579	108.64	ng		-0.02
42) 2,4,6-Tribromophenol	16.12	330	216084	156.45	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	552013	105.10	ng		-0.02
79) Terphenyl-d14	19.98	244	1136073	107.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	18735	38.460	ng	#	92
3) Pyridine	3.85	79	45932	37.380	ng		94
4) n-Nitrosodimethylamine	3.76	42	30854	49.760	ng		89
6) Aniline	7.32	93	48626	23.471	ng		95
8) 2-Chlorophenol	7.57	128	72958	52.873	ng		98
9) Benzaldehyde	7.13	77	32214	36.447	ng		99
10) Phenol	7.22	94	99883	60.777	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	56027	44.094	ng		95
12) 1,3-Dichlorobenzene	7.88	146	75381	43.601	ng		96
13) 1,4-Dichlorobenzene	8.02	146	77926	44.550	ng		98
14) 1,2-Dichlorobenzene	8.35	146	75229	44.048	ng		97
15) Benzyl Alcohol	8.24	79	64061	50.718	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	80354	43.492	ng		98
17) 2-Methylphenol	8.46	107	63848	53.292	ng		97
18) Hexachloroethane	9.07	117	27727	43.935	ng		91
19) n-Nitroso-di-n-propylamine	8.79	70	54752	47.113	ng		90
20) 3+4-Methylphenols	8.79	107	84129	51.209	ng		95
22) Acetophenone	8.82	105	108504	45.419	ng	#	93
24) Nitrobenzene	9.20	77	82083	47.620	ng	#	97
25) Isophorone	9.72	82	163748	49.498	ng		95
26) 2-Nitrophenol	9.92	139	44282	53.212	ng		96
27) 2,4-Dimethylphenol	9.98	122	73381	61.523	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	84992	46.549	ng		96
29) 2,4-Dichlorophenol	10.47	162	81486	53.321	ng		93
30) 1,2,4-Trichlorobenzene	10.66	180	86353	44.833	ng		99
31) Naphthalene	10.84	128	228231	48.199	ng		98
32) Benzoic acid	10.17	122	23555	30.037	ng		94
33) 4-Chloroaniline	10.98	127	16845	8.679	ng	#	87
34) Hexachlorobutadiene	11.13	225	60822	42.717	ng		96
35) Caprolactam	11.74	113	28660m	54.453	ng		
36) 4-Chloro-3-methylphenol	12.11	107	95976	57.575	ng		96
37) 2-Methylnaphthalene	12.45	142	181191	49.871	ng		98
38) 1-Methylnaphthalene	12.67	142	173456	50.177	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	117737	43.833	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	116335	82.450	ng		98
43) 2,4,6-Trichlorophenol	13.07	196	76510	48.369	ng		95
44) 2,4,5-Trichlorophenol	13.16	196	84802	53.028	ng		97
46) 1,1'-Biphenyl	13.46	154	250514	45.372	ng		98
47) 2-Chloronaphthalene	13.50	162	197323	46.970	ng		99
48) 2-Nitroaniline	13.71	65	61154	48.705	ng		96
49) Acenaphthylene	14.35	152	330148	50.495	ng		99
50) Dimethylphthalate	14.08	163	358862	63.835	ng		99
51) 2,6-Dinitrotoluene	14.20	165	60914	49.877	ng		97
52) Acenaphthene	14.69	154	194646	48.817	ng		99
53) 3-Nitroaniline	14.54	138	17835	15.125	ng	#	94
54) 2,4-Dinitrophenol	14.75	184	39441	54.291	ng		96
55) Dibenzofuran	15.02	168	319654	49.436	ng		98
56) 4-Nitrophenol	14.89	139	82633	104.575	ng		95
57) 2,4-Dinitrotoluene	14.99	165	90058	51.598	ng		95
58) Fluorene	15.67	166	270663	49.909	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.26	232	81200	47.791	ng		95
60) Diethylphthalate	15.44	149	276584	48.965	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	156452	49.452	ng		97
62) 4-Nitroaniline	15.71	138	55721	45.757	ng		95
63) Azobenzene	15.96	77	232892	50.944	ng		96
65) 4,6-Dinitro-2-methylphenol	15.76	198	42597	39.228	ng		97
66) n-Nitrosodiphenylamine	15.88	169	245251	47.079	ng		97
67) 4-Bromophenyl-phenylether	16.55	248	110481	44.492	ng		95
68) Hexachlorobenzene	16.68	284	124452	43.662	ng		98
69) Atrazine	16.83	200	108762	60.085	ng		97
70) Pentachlorophenol	17.04	266	101448	78.109	ng		97
71) Phenanthrene	17.41	178	442026	46.783	ng		99
72) Anthracene	17.51	178	465776	49.271	ng		99
73) Carbazole	17.78	167	415961	48.589	ng		98
74) Di-n-butylphthalate	18.33	149	493944	47.553	ng		98
75) Fluoranthene	19.42	202	598904	48.620	ng		100
77) Benzidine	19.61	184	190701	47.577	ng		98
78) Pyrene	19.79	202	598759	48.568	ng		99
80) Butylbenzylphthalate	20.67	149	225543	48.289	ng		97
81) Benzo(a)anthracene	21.62	228	623171	49.951	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	90764	18.810	ng		95
83) Chrysene	21.68	228	594305	47.945	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	332240	50.076	ng		97
85) Di-n-octyl phthalate	22.71	149	571780	50.796	ng		100
86) Indeno(1,2,3-cd)pyrene	28.44	276	788338	50.666	ng	#	94
88) Benzo(b)fluoranthene	23.81	252	649600	48.346	ng		98
89) Benzo(k)fluoranthene	23.88	252	668606	49.429	ng		97
90) Benzo(a)pyrene	24.67	252	611340	47.646	ng		99
91) Dibenzo(a,h)anthracene	28.50	278	669165	50.988	ng		97
92) Benzo(g,h,i)perylene	29.57	276	659988	50.982	ng		99

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

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