Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\
Data File : BG037925.D
Acq On : 9 Nov 2018 18:00
Operator : JU/SJ
Sample : PB114695BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114695BS

Manual Integrations APPROVED
Sohil
11/12/2018 11:10:30 AM

Quant Time: Nov 12 06:52:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44600	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	203432	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	135790	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	316883	20.00	ng		0.00
76) Chrysene-d12	21.76	240	283350	20.00	ng		-0.02
87) Perylene-d12	25.09	264	282265	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	275604	103.31	ng		0.00
7) Phenol-d6	7.24	99	403793	100.10	ng		0.00
23) Nitrobenzene-d5	9.27	82	231989	63.88	ng		-0.02
42) 2,4,6-Tribromophenol	16.21	330	148749	100.44	ng		-0.02
45) 2-Fluorobiphenyl	13.35	172	586434	65.12	ng		-0.02
79) Terphenyl-d14	20.07	244	872743	65.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	32369	23.926	ng		94
3) Pyridine	3.92	79	94933	27.841	ng		96
4) n-Nitrosodimethylamine	3.85	42	41628	34.275	ng	#	92
6) Aniline	7.42	93	104576	21.251	ng		96
8) 2-Chlorophenol	7.65	128	116632	37.372	ng		97
9) Benzaldehyde	7.23	77	66022	26.164	ng		98
10) Phenol	7.27	94	157011	36.890	ng		99
11) bis(2-Chloroethyl)ether	7.51	93	106028	32.800	ng		93
12) 1,3-Dichlorobenzene	7.98	146	115426	33.223	ng		99
13) 1,4-Dichlorobenzene	8.13	146	117058	32.938	ng		96
14) 1,2-Dichlorobenzene	8.45	146	113388	33.168	ng		99
15) Benzyl Alcohol	8.33	79	102516	34.394	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	194292	33.591	ng		98
17) 2-Methylphenol	8.52	107	107128	38.072	ng		99
18) Hexachloroethane	9.17	117	41728	34.441	ng		94
19) n-Nitroso-di-n-propylamine	8.89	70	88354	31.807	ng		96
20) 3+4-Methylphenols	8.85	107	147062	36.555	ng		99
22) Acetophenone	8.92	105	169520	33.226	ng	#	96
24) Nitrobenzene	9.31	77	132095	35.015	ng		95
25) Isophorone	9.83	82	247945	37.367	ng		97
26) 2-Nitrophenol	10.02	139	65529	38.558	ng		96
27) 2,4-Dimethylphenol	10.06	122	125589	41.388	ng		97
28) bis(2-Chloroethoxy)methane	10.31	93	154080	35.442	ng		99
29) 2,4-Dichlorophenol	10.55	162	126989	37.587	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	125083	34.045	ng		98
31) Naphthalene	10.96	128	376839	37.714	ng		99
32) Benzoic acid	10.17	122	66176m	33.577	ng		
33) 4-Chloroaniline	11.08	127	83227	17.727	ng		97
34) Hexachlorobutadiene	11.23	225	74380	34.158	ng		96
35) Caprolactam	11.85	113	43443	32.061	ng		98
36) 4-Chloro-3-methylphenol	12.18	107	139082	36.502	ng		100
37) 2-Methylnaphthalene	12.56	142	287601	39.485	ng		99
38) 1-Methylnaphthalene	12.78	142	275546	38.954	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	149647	34.166	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	182807	87.376	ng		97
43) 2,4,6-Trichlorophenol	13.16	196	108217	36.982	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	118501	37.195	ng		98
46) 1,1'-Biphenyl	13.56	154	377537	33.572	ng		99
47) 2-Chloronaphthalene	13.61	162	303279	35.647	ng		97
48) 2-Nitroaniline	13.82	65	95422	36.985	ng		97
49) Acenaphthylene	14.45	152	498979	38.988	ng		99
50) Dimethylphthalate	14.17	163	382125	36.376	ng		99
51) 2,6-Dinitrotoluene	14.30	165	86182	37.085	ng		95
52) Acenaphthene	14.79	154	290320	36.833	ng		98
53) 3-Nitroaniline	14.64	138	70744	27.422	ng	#	95
54) 2,4-Dinitrophenol	14.84	184	56170	63.303	ng		95
55) Dibenzofuran	15.13	168	473244	36.239	ng		98
56) 4-Nitrophenol	14.93	139	172072	90.108	ng		98
57) 2,4-Dinitrotoluene	15.09	165	119746	39.254	ng	#	95
58) Fluorene	15.77	166	378354	38.689	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	104356	38.256	ng		99
60) Diethylphthalate	15.53	149	387977	35.974	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	199257	34.957	ng		95
62) 4-Nitroaniline	15.80	138	91063	35.523	ng		96
63) Azobenzene	16.05	77	371337	36.087	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	57223	36.821	ng		99
66) n-Nitrosodiphenylamine	15.98	169	337638	35.422	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	123312	35.436	ng		98
68) Hexachlorobenzene	16.77	284	125229	34.722	ng		96
69) Atrazine	16.92	200	125751	36.489	ng		98
70) Pentachlorophenol	17.11	266	133570	55.290	ng		97
71) Phenanthrene	17.52	178	611010	37.939	ng		99
72) Anthracene	17.61	178	625033	39.547	ng		99
73) Carbazole	17.88	167	553948	35.039	ng		99
74) Di-n-butylphthalate	18.41	149	663407	37.722	ng		99
75) Fluoranthene	19.52	202	705301	38.613	ng		100
77) Benzidine	19.70	184	227895	23.654	ng		99
78) Pyrene	19.89	202	701712	37.883	ng		98
80) Butylbenzylphthalate	20.76	149	296438	39.104	ng		97
81) Benzo(a)anthracene	21.74	228	649531	38.755	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	161399	24.845	ng		99
83) Chrysene	21.81	228	611688	37.956	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	417206	39.263	ng		99
85) Di-n-octyl phthalate	22.85	149	705491	40.715	ng		97
86) Indeno(1,2,3-cd)pyrene	28.90	276	566174m	32.755	ng		
88) Benzo(b)fluoranthene	24.02	252	603278	38.984	ng		99
89) Benzo(k)fluoranthene	24.09	252	614700	40.544	ng		98
90) Benzo(a)pyrene	24.93	252	593274	40.346	ng		99
91) Dibenzo(a,h)anthracene	28.96	278	457543m	33.732	ng		
92) Benzo(g,h,i)perylene	30.10	276	459358	33.474	ng		98

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

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