Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
Data File : BG035481.D
Acq On : 28 Jun 2018 17:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/29/2018 4:14:01 PM

Quant Time: Jun 29 03:50:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47001	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	192237	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	139838	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	369322	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	385173	20.00	ng		-0.03
86) Perylene-d12	24.91	264	383602	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	216921	77.89	ng		-0.02
7) Phenol-d6	7.22	99	338831	82.43	ng		0.00
23) Nitrobenzene-d5	9.21	82	348582	86.19	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	160309	89.55	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	823182	76.53	ng		-0.03
78) Terphenyl-d14	20.02	244	1347660	73.29	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	48915	36.811	ng	#	69
3) Pyridine	3.94	79	133959	37.363	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	51340	33.331	ng	#	64
6) Aniline	7.38	93	207152	38.987	ng		94
8) 2-Chlorophenol	7.62	128	115448	39.546	ng		96
9) Benzaldehyde	7.19	77	106658	33.686	ng		96
10) Phenol	7.24	94	173460	40.776	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	123975	37.548	ng		88
12) 1,3-Dichlorobenzene	7.94	146	135889	39.013	ng		95
13) 1,4-Dichlorobenzene	8.09	146	140688	39.127	ng		98
14) 1,2-Dichlorobenzene	8.41	146	135035	39.981	ng		98
15) Benzyl Alcohol	8.29	79	144828	37.183	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	113341m	34.489	ng		
17) 2-Methylphenol	8.49	107	112524	40.121	ng	#	94
18) Hexachloroethane	9.14	117	51182	39.760	ng		86
19) n-Nitroso-di-n-propylamine	8.86	70	124107	35.538	ng	#	86
20) 3+4-Methylphenols	8.82	107	164027	40.802	ng		92
22) Acetophenone	8.87	105	225722	37.905	ng	#	91
24) Nitrobenzene	9.26	77	172310	41.608	ng		94
25) Isophorone	9.77	82	310344	36.346	ng		99
26) 2-Nitrophenol	9.97	139	70911	49.676	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	111673	37.219	ng		88
28) bis(2-Chloroethoxy)methane	10.26	93	174526	38.036	ng		96
29) 2,4-Dichlorophenol	10.51	162	141661	43.391	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	160584	41.020	ng		100
31) Naphthalene	10.91	128	392324	39.285	ng		98
32) Benzoic acid	10.16	122	56923m	28.324	ng		
33) 4-Chloroaniline	11.01	127	172903	39.874	ng		93
34) Hexachlorobutadiene	11.19	225	124318	40.833	ng		97
35) Caprolactam	11.80	113	48662	40.331	ng	#	67
36) 4-Chloro-3-methylphenol	12.13	107	168289	41.352	ng		96
37) 2-Methylnaphthalene	12.50	142	298374	39.408	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	217622	41.781	ng		98
40) Hexachlorocyclopentadiene	12.85	237	112240	34.363	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	131338	42.111	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	144820	42.305	ng		98
45) 1,1'-Biphenyl	13.51	154	421042	37.445	ng		98
46) 2-Chloronaphthalene	13.56	162	325839	38.328	ng		99
47) 2-Nitroaniline	13.76	65	111574	44.445	ng		93
48) Acenaphthylene	14.40	152	544446	38.193	ng		98
49) Dimethylphthalate	14.13	163	461486	37.844	ng		99
50) 2,6-Dinitrotoluene	14.25	165	104091	46.790	ng	#	89
51) Acenaphthene	14.74	154	351658	37.756	ng		98
52) 3-Nitroaniline	14.58	138	101373	46.438	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	14307	15.891	ng	#	65
54) Dibenzofuran	15.07	168	544957	39.067	ng		95
55) 4-Nitrophenol	14.89	139	61984	33.644	ng		86
56) 2,4-Dinitrotoluene	15.04	165	146333	49.517	ng	#	84
57) Fluorene	15.72	166	451779	38.753	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	142178	42.754	ng		90
59) Diethylphthalate	15.49	149	470601	37.826	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	272138	40.937	ng		95
61) 4-Nitroaniline	15.74	138	104469	44.624	ng		89
62) Azobenzene	16.01	77	433271	35.538	ng		94
64) 4,6-Dinitro-2-methylphenol	15.79	198	54552	32.352	ng		83
65) n-Nitrosodiphenylamine	15.93	169	419464	37.820	ng		95
66) 4-Bromophenyl-phenylether	16.60	248	183632	41.288	ng		97
67) Hexachlorobenzene	16.73	284	184102	40.669	ng	#	91
68) Atrazine	16.87	200	179626	37.978	ng		96
69) Pentachlorophenol	17.07	266	101780	33.436	ng		97
70) Phenanthrene	17.46	178	704988	37.578	ng		99
71) Anthracene	17.55	178	706728	37.607	ng		98
72) Carbazole	17.82	167	642630	36.856	ng		98
73) Di-n-butylphthalate	18.37	149	759663	36.553	ng	#	98
74) Fluoranthene	19.47	202	913944	37.437	ng		96
76) Benzidine	19.64	184	457628	31.935	ng		97
77) Pyrene	19.82	202	917859	36.147	ng		97
79) Butylbenzylphthalate	20.71	149	339888	36.863	ng	#	97
80) Benzo(a)anthracene	21.67	228	922639	37.485	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	340300	36.748	ng	#	97
82) Chrysene	21.73	228	850003	37.718	ng		96
83) Bis(2-ethylhexyl)phthalate	21.56	149	461145	35.395	ng		99
84) Di-n-octyl phthalate	22.78	149	792335	35.449	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	951568	36.053	ng	#	89
87) Benzo(b)fluoranthene	23.88	252	904393	38.284	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	854904	36.995	ng	#	97
89) Benzo(a)pyrene	24.75	252	846891	38.099	ng	#	95
90) Dibenzo(a,h)anthracene	28.64	278	798390	36.384	ng	#	94
91) Benzo(g,h,i)perylene	29.73	276	756819	35.242	ng	#	93

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

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