Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036087.D
Acq On : 3 Aug 2018 9:47
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
8/3/2018 12:58:47 PM

Quant Time: Aug 03 10:51:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	40917	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	162973	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	115244	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	304995	20.00	ng		0.00
75) Chrysene-d12	21.66	240	360541	20.00	ng		0.00
86) Perylene-d12	24.85	264	354692	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	182716	74.14	ng		0.00
7) Phenol-d6	7.19	99	273332	74.33	ng		0.00
23) Nitrobenzene-d5	9.19	82	296127	75.91	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	123369	81.22	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	677937	78.81	ng		0.00
78) Terphenyl-d14	20.00	244	1239422	75.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	41537	33.114	ng	#	72
3) Pyridine	3.91	79	108554	33.150	ng	#	75
4) n-Nitrosodimethylamine	3.83	42	46834	33.309	ng	#	81
6) Aniline	7.35	93	168351	35.323	ng		98
8) 2-Chlorophenol	7.59	128	94445	37.679	ng		97
9) Benzaldehyde	7.16	77	82981	36.780	ng		96
10) Phenol	7.22	94	140906	37.930	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	105536	36.275	ng		88
12) 1,3-Dichlorobenzene	7.91	146	117937	38.963	ng		97
13) 1,4-Dichlorobenzene	8.06	146	120941	39.324	ng		97
14) 1,2-Dichlorobenzene	8.38	146	115600	39.127	ng		96
15) Benzyl Alcohol	8.26	79	115989	34.736	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.55	45	82295	33.740	ng		77
17) 2-Methylphenol	8.46	107	92715	36.708	ng	#	91
18) Hexachloroethane	9.10	117	44919	38.199	ng		92
19) n-Nitroso-di-n-propylamine	8.82	70	104597	33.780	ng	#	86
20) 3+4-Methylphenols	8.79	107	128866	36.777	ng		88
22) Acetophenone	8.85	105	187247	36.947	ng	#	89
24) Nitrobenzene	9.23	77	146119	37.243	ng		94
25) Isophorone	9.74	82	258224	35.656	ng		98
26) 2-Nitrophenol	9.94	139	57641	41.367	ng	#	84
27) 2,4-Dimethylphenol	9.99	122	91789	38.916	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	149354	37.427	ng		96
29) 2,4-Dichlorophenol	10.47	162	106353	39.501	ng		91
30) 1,2,4-Trichlorobenzene	10.68	180	135297	40.980	ng		90
31) Naphthalene	10.87	128	326362	38.443	ng		99
32) Benzoic acid	10.17	122	35522m	22.371	ng		
33) 4-Chloroaniline	10.98	127	133077	35.966	ng	#	92
34) Hexachlorobutadiene	11.15	225	107730	41.845	ng		96
35) Caprolactam	11.78	113	37446	32.409	ng	#	72
36) 4-Chloro-3-methylphenol	12.11	107	133846	37.087	ng		89
37) 2-Methylnaphthalene	12.48	142	241850	38.239	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	175495	40.346	ng		98
40) Hexachlorocyclopentadiene	12.82	237	84165	36.895	ng		90

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	101764	40.006	ng		98
43) 2,4,5-Trichlorophenol	13.16	196	110542	38.846	ng		95
45) 1,1'-Biphenyl	13.48	154	348715	39.029	ng		98
46) 2-Chloronaphthalene	13.53	162	271028	38.998	ng		98
47) 2-Nitroaniline	13.73	65	92750	37.749	ng		98
48) Acenaphthylene	14.37	152	441580	37.930	ng		98
49) Dimethylphthalate	14.10	163	372343	36.876	ng		98
50) 2,6-Dinitrotoluene	14.22	165	80363	39.084	ng		96
51) Acenaphthene	14.71	154	273962	37.777	ng		97
52) 3-Nitroaniline	14.56	138	76999	36.640	ng	#	89
53) 2,4-Dinitrophenol	14.77	184	29110	31.848	ng	#	67
54) Dibenzofuran	15.04	168	439951	38.145	ng		93
55) 4-Nitrophenol	14.87	139	48657	32.511	ng		82
56) 2,4-Dinitrotoluene	15.01	165	119597	40.544	ng	#	90
57) Fluorene	15.69	166	364630	37.720	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	102683	37.635	ng		90
59) Diethylphthalate	15.46	149	369071	35.548	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	220274	38.769	ng		98
61) 4-Nitroaniline	15.72	138	85660	38.967	ng	#	78
62) Azobenzene	15.98	77	357604	34.919	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	64744	38.134	ng		87
65) n-Nitrosodiphenylamine	15.90	169	335710	38.671	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	142381	40.238	ng		96
67) Hexachlorobenzene	16.70	284	148633	40.789	ng		93
68) Atrazine	16.85	200	125130	35.008	ng		97
69) Pentachlorophenol	17.05	266	75264	33.910	ng		97
70) Phenanthrene	17.43	178	579972	38.109	ng		98
71) Anthracene	17.52	178	585486	38.636	ng		98
72) Carbazole	17.79	167	562127	39.061	ng		99
73) Di-n-butylphthalate	18.34	149	658665	38.730	ng	#	98
74) Fluoranthene	19.44	202	818030	39.905	ng		98
76) Benzidine	19.62	184	309819	32.686	ng		97
77) Pyrene	19.80	202	850693	37.315	ng		98
79) Butylbenzylphthalate	20.68	149	324373	39.788	ng	#	93
80) Benzo(a)anthracene	21.63	228	850669	37.861	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	307675	39.274	ng	#	95
82) Chrysene	21.70	228	793582	38.115	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	442511	39.926	ng		98
84) Di-n-octyl phthalate	22.73	149	758387	40.867	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.48	276	884233	38.360	ng	#	86
87) Benzo(b)fluoranthene	23.83	252	843790	39.140	ng	#	97
88) Benzo(k)fluoranthene	23.90	252	797707	37.849	ng	#	96
89) Benzo(a)pyrene	24.70	252	779562	38.869	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	753481	38.267	ng	#	96
91) Benzo(g,h,i)perylene	29.62	276	724358	37.595	ng	#	94

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

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