Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038154.D
Acq On : 27 Nov 2018 3:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/27/2018 2:06:07 PM

Quant Time: Nov 27 07:26:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44205	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	193007	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	116713	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	264001	20.00	ng		0.00
76) Chrysene-d12	21.76	240	235910	20.00	ng		0.00
87) Perylene-d12	25.08	264	250392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	219544	85.75	ng		0.00
7) Phenol-d6	7.24	99	312384	85.48	ng		0.00
23) Nitrobenzene-d5	9.27	82	315594	87.53	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	108265	81.34	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	669777	83.60	ng		0.00
79) Terphenyl-d14	20.07	244	850852	84.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46361	38.336	ng		95
3) Pyridine	3.93	79	135029	39.142	ng		98
4) n-Nitrosodimethylamine	3.85	42	58841	47.015	ng	#	89
6) Aniline	7.41	93	195981	41.549	ng		97
8) 2-Chlorophenol	7.65	128	124879	42.036	ng		99
9) Benzaldehyde	7.23	77	101831	38.529	ng		98
10) Phenol	7.27	94	164673	42.539	ng		97
11) bis(2-Chloroethyl)ether	7.51	93	134615	42.595	ng		100
12) 1,3-Dichlorobenzene	7.98	146	142360	41.597	ng		97
13) 1,4-Dichlorobenzene	8.12	146	146287	42.314	ng		99
14) 1,2-Dichlorobenzene	8.44	146	137717	41.724	ng		99
15) Benzyl Alcohol	8.33	79	117880	44.576	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	270713	46.131	ng		98
17) 2-Methylphenol	8.52	107	112075	42.823	ng		98
18) Hexachloroethane	9.17	117	53733	42.706	ng		91
19) n-Nitroso-di-n-propylamine	8.89	70	110344	41.727	ng		95
20) 3+4-Methylphenols	8.85	107	157534	42.461	ng		98
22) Acetophenone	8.92	105	198949	41.429	ng		97
24) Nitrobenzene	9.31	77	160186	43.430	ng		96
25) Isophorone	9.82	82	265367	40.891	ng		97
26) 2-Nitrophenol	10.02	139	77408	42.039	ng		95
27) 2,4-Dimethylphenol	10.06	122	118127	42.579	ng		98
28) bis(2-Chloroethoxy)methane	10.30	93	170356	41.052	ng		97
29) 2,4-Dichlorophenol	10.55	162	132968	42.611	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	142053	40.623	ng		98
31) Naphthalene	10.96	128	392875	41.385	ng		99
32) Benzoic acid	10.20	122	73820m	43.040	ng		
33) 4-Chloroaniline	11.07	127	180474	40.870	ng		99
34) Hexachlorobutadiene	11.22	225	89488	41.581	ng		99
35) Caprolactam	11.86	113	49138	39.340	ng	#	89
36) 4-Chloro-3-methylphenol	12.18	107	143504	42.093	ng		100
37) 2-Methylnaphthalene	12.55	142	277923	40.758	ng		99
38) 1-Methylnaphthalene	12.77	142	266203	40.557	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	165755	42.501	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	82520	39.514	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	111900	42.106	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	115926	41.457	ng		98
46) 1,1'-Biphenyl	13.56	154	407321	41.541	ng		99
47) 2-Chloronaphthalene	13.61	162	310044	41.438	ng		99
48) 2-Nitroaniline	13.82	65	104671	44.449	ng		96
49) Acenaphthylene	14.45	152	468935	41.677	ng		99
50) Dimethylphthalate	14.18	163	378813	40.941	ng		98
51) 2,6-Dinitrotoluene	14.30	165	89529	42.752	ng		97
52) Acenaphthene	14.79	154	283671	41.878	ng		98
53) 3-Nitroaniline	14.64	138	96451	41.739	ng	#	98
54) 2,4-Dinitrophenol	14.84	184	25771	29.440	ng		88
55) Dibenzofuran	15.12	168	454384	40.568	ng		97
56) 4-Nitrophenol	14.93	139	66535	37.333	ng		94
57) 2,4-Dinitrotoluene	15.09	165	119251	41.853	ng		97
58) Fluorene	15.77	166	338426	40.496	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	95039	40.617	ng		96
60) Diethylphthalate	15.53	149	399561	40.656	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	199734	40.846	ng		98
62) 4-Nitroaniline	15.80	138	94102	40.993	ng		95
63) Azobenzene	16.05	77	369057	42.000	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	61297	36.709	ng		95
66) n-Nitrosodiphenylamine	15.97	169	327295	40.980	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	121597	41.964	ng		98
68) Hexachlorobenzene	16.77	284	124265	41.547	ng		99
69) Atrazine	16.91	200	124323	42.226	ng		98
70) Pentachlorophenol	17.11	266	78192	38.493	ng		93
71) Phenanthrene	17.51	178	555438	41.093	ng		99
72) Anthracene	17.61	178	549139	41.215	ng		99
73) Carbazole	17.88	167	552997	41.368	ng		99
74) Di-n-butylphthalate	18.41	149	637053	42.454	ng		99
75) Fluoranthene	19.52	202	633595	41.086	ng		100
77) Benzidine	19.70	184	339452	41.007	ng		99
78) Pyrene	19.89	202	648255	42.029	ng		98
80) Butylbenzylphthalate	20.75	149	289135	42.866	ng		100
81) Benzo(a)anthracene	21.74	228	597365	41.902	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	231895	41.758	ng		98
83) Chrysene	21.81	228	570424	41.819	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	408436	42.460	ng		100
85) Di-n-octyl phthalate	22.85	149	681120	43.768	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	604434	39.898	ng	#	90
88) Benzo(b)fluoranthene	24.02	252	570860	41.429	ng		99
89) Benzo(k)fluoranthene	24.09	252	573857	42.206	ng		99
90) Benzo(a)pyrene	24.93	252	555467	42.182	ng		98
91) Dibenzo(a,h)anthracene	28.96	278	508187	40.108	ng		99
92) Benzo(g,h,i)perylene	30.09	276	499882	39.678	ng		99

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

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