Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040518.D
Acq On : 17 Apr 2019 1:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/17/2019 3:33:48 PM

Quant Time: Apr 17 02:11:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	76828	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	329551	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	218604	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	548666	20.00	ng		0.00
76) Chrysene-d12	21.69	240	530573	20.00	ng		0.00
87) Perylene-d12	24.97	264	541862	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	388073	83.97	ng		0.00
7) Phenol-d6	7.20	99	534353	83.66	ng		0.00
23) Nitrobenzene-d5	9.22	82	514469	82.98	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	212337	89.88	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1144117	77.55	ng		0.00
79) Terphenyl-d14	20.02	244	1766486	74.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	89411	41.145	ng		98
3) Pyridine	3.90	79	248028	42.391	ng		96
4) n-Nitrosodimethylamine	3.82	42	112387	41.525	ng	#	89
6) Aniline	7.38	93	339091	40.864	ng		96
8) 2-Chlorophenol	7.61	128	219257	40.529	ng		93
9) Benzaldehyde	7.19	77	175609	40.083	ng		99
10) Phenol	7.23	94	289733	41.793	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	217925	39.248	ng		99
12) 1,3-Dichlorobenzene	7.93	146	240813	40.948	ng		95
13) 1,4-Dichlorobenzene	8.08	146	240813	41.114	ng		99
14) 1,2-Dichlorobenzene	8.40	146	230092	41.079	ng		98
15) Benzyl Alcohol	8.29	79	203452	39.554	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	428514	40.212	ng		99
17) 2-Methylphenol	8.48	107	192918	40.215	ng		99
18) Hexachloroethane	9.12	117	89405	40.128	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	177860	38.840	ng		99
20) 3+4-Methylphenols	8.82	107	269206	41.425	ng		96
22) Acetophenone	8.87	105	331908	40.375	ng	#	98
24) Nitrobenzene	9.26	77	268104	41.759	ng		98
25) Isophorone	9.77	82	516434	40.483	ng		98
26) 2-Nitrophenol	9.97	139	131811	43.328	ng		94
27) 2,4-Dimethylphenol	10.02	122	204206	42.259	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	302541	40.086	ng		98
29) 2,4-Dichlorophenol	10.50	162	223107	42.536	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	234454	40.708	ng		99
31) Naphthalene	10.91	128	689196	40.800	ng		99
32) Benzoic acid	10.20	122	94415m	32.338	ng		
33) 4-Chloroaniline	11.03	127	308053	42.754	ng		98
34) Hexachlorobutadiene	11.17	225	147062	39.926	ng		97
35) Caprolactam	11.83	113	75973	36.499	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	275317	45.658	ng		96
37) 2-Methylnaphthalene	12.51	142	522812	41.848	ng		99
38) 1-Methylnaphthalene	12.73	142	503248	41.541	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	272607	39.235	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	171692	45.005	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	179723	40.120	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	196809	40.308	ng		98
46) 1,1'-Biphenyl	13.51	154	686954	39.771	ng		100
47) 2-Chloronaphthalene	13.56	162	528283	39.873	ng		100
48) 2-Nitroaniline	13.77	65	196026	43.863	ng		96
49) Acenaphthylene	14.40	152	911114	40.559	ng		99
50) Dimethylphthalate	14.13	163	702120	41.039	ng		99
51) 2,6-Dinitrotoluene	14.26	165	165311	43.032	ng		99
52) Acenaphthene	14.74	154	521589	40.521	ng		97
53) 3-Nitroaniline	14.60	138	180578	44.407	ng		95
54) 2,4-Dinitrophenol	14.80	184	68592	33.574	ng		97
55) Dibenzofuran	15.07	168	851929	41.189	ng		96
56) 4-Nitrophenol	14.90	139	220511	67.190	ng		95
57) 2,4-Dinitrotoluene	15.05	165	239695	44.905	ng		98
58) Fluorene	15.73	166	682104	41.945	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	194898	43.988	ng		99
60) Diethylphthalate	15.48	149	743799	42.485	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	365981	42.104	ng		98
62) 4-Nitroaniline	15.77	138	193644	44.374	ng		98
63) Azobenzene	16.00	77	713283	43.193	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	126121	40.915	ng		98
66) n-Nitrosodiphenylamine	15.93	169	642104	39.993	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	249305	40.377	ng		96
68) Hexachlorobenzene	16.72	284	249173	40.137	ng		95
69) Atrazine	16.87	200	217957	36.493	ng		99
70) Pentachlorophenol	17.07	266	185245	51.613	ng		93
71) Phenanthrene	17.46	178	1154363	40.028	ng		98
72) Anthracene	17.56	178	1163350	40.303	ng		99
73) Carbazole	17.83	167	1111947	40.704	ng		98
74) Di-n-butylphthalate	18.36	149	1326704	40.971	ng		98
75) Fluoranthene	19.47	202	1378459	40.366	ng		97
77) Benzidine	19.66	184	733181	38.267	ng		98
78) Pyrene	19.84	202	1382752	39.630	ng		98
80) Butylbenzylphthalate	20.70	149	617384	41.351	ng		96
81) Benzo(a)anthracene	21.68	228	1303943	39.900	ng		97
82) 3,3'-Dichlorobenzidine	21.59	252	500285	40.242	ng		99
83) Chrysene	21.75	228	1249300	39.777	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	876542	41.070	ng		99
85) Di-n-octyl phthalate	22.76	149	1484196	40.817	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1498394	39.007	ng	#	85
88) Benzo(b)fluoranthene	23.92	252	1319455	39.773	ng		98
89) Benzo(k)fluoranthene	24.00	252	1245830	40.836	ng		99
90) Benzo(a)pyrene	24.82	252	1281823	41.181	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	1213318	41.970	ng		99
92) Benzo(g,h,i)perylene	29.92	276	1178723	39.674	ng		98

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

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