Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_G\DATA\BG062919\
Data File : BG041538.D
Acq On : 29 Jun 2019 9:45
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/1/2019 5:58:20 PM

Quant Time: Jun 30 00:59:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21223	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	87176	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	62954	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	168958	20.00	ng		0.00
76) Chrysene-d12	21.70	240	188327	20.00	ng		0.00
87) Perylene-d12	24.98	264	203184	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	97609	82.00	ng		0.00
7) Phenol-d6	7.18	99	138284	82.52	ng		0.00
23) Nitrobenzene-d5	9.21	82	159627	76.37	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	84782	78.87	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	381551	77.78	ng		0.00
79) Terphenyl-d14	20.02	244	711834	80.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	22443	41.650	ng		96
3) Pyridine	3.82	79	60175	44.013	ng		97
4) n-Nitrosodimethylamine	3.75	42	31719	41.692	ng		96
6) Aniline	7.35	93	89521	41.444	ng		97
8) 2-Chlorophenol	7.59	128	55200	41.348	ng		98
9) Benzaldehyde	7.17	77	38149	37.696	ng		98
10) Phenol	7.21	94	66821	39.565	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	53667	40.069	ng		95
12) 1,3-Dichlorobenzene	7.91	146	69254	40.101	ng		96
13) 1,4-Dichlorobenzene	8.07	146	72808	41.820	ng		96
14) 1,2-Dichlorobenzene	8.38	146	69126	41.469	ng		96
15) Benzyl Alcohol	8.27	79	58218	43.624	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	70993	37.745	ng		95
17) 2-Methylphenol	8.47	107	51622	41.989	ng		97
18) Hexachloroethane	9.11	117	28283	41.173	ng		92
19) n-Nitroso-di-n-propylamine	8.84	70	50669	40.536	ng		95
20) 3+4-Methylphenols	8.81	107	68274	41.666	ng		96
22) Acetophenone	8.86	105	101650	38.873	ng	#	97
24) Nitrobenzene	9.25	77	79680	37.978	ng		99
25) Isophorone	9.76	82	142415	37.950	ng		99
26) 2-Nitrophenol	9.96	139	32109	36.646	ng		97
27) 2,4-Dimethylphenol	10.01	122	47662	39.084	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	75706	38.151	ng		93
29) 2,4-Dichlorophenol	10.50	162	64533	39.179	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	81809	38.751	ng		96
31) Naphthalene	10.90	128	186053	38.592	ng		99
32) Benzoic acid	10.17	122	30049m	44.070	ng		
33) 4-Chloroaniline	11.02	127	77782	38.327	ng		97
34) Hexachlorobutadiene	11.16	225	66603	39.744	ng		98
35) Caprolactam	11.81	113	19746	38.393	ng	#	89
36) 4-Chloro-3-methylphenol	12.14	107	69024	38.676	ng		97
37) 2-Methylnaphthalene	12.50	142	136229	38.248	ng		98
38) 1-Methylnaphthalene	12.73	142	128128	37.707	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	109431	39.476	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	50465	35.671	ng		100
43) 2,4,6-Trichlorophenol	13.11	196	63331	38.506	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	60765	37.085	ng		95
46) 1,1'-Biphenyl	13.51	154	189057	38.043	ng		98
47) 2-Chloronaphthalene	13.56	162	162449	38.076	ng		96
48) 2-Nitroaniline	13.77	65	54534	37.706	ng		95
49) Acenaphthylene	14.40	152	246676	38.681	ng		99
50) Dimethylphthalate	14.12	163	220172	38.432	ng		99
51) 2,6-Dinitrotoluene	14.26	165	46287	38.072	ng		97
52) Acenaphthene	14.74	154	147684	39.053	ng		95
53) 3-Nitroaniline	14.60	138	44854	38.646	ng		94
54) 2,4-Dinitrophenol	14.80	184	24106	34.896	ng		96
55) Dibenzofuran	15.08	168	258187	39.218	ng		98
56) 4-Nitrophenol	14.91	139	27369	36.539	ng		96
57) 2,4-Dinitrotoluene	15.05	165	66560	37.738	ng		95
58) Fluorene	15.72	166	203448	38.845	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	68768	39.811	ng		99
60) Diethylphthalate	15.47	149	225810	38.507	ng		95
61) 4-Chlorophenyl-phenylether	15.70	204	131809	39.017	ng		98
62) 4-Nitroaniline	15.76	138	44030	38.925	ng		96
63) Azobenzene	16.00	77	192970	39.030	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	37593	35.925	ng		97
66) n-Nitrosodiphenylamine	15.93	169	179748	38.655	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	89069	38.577	ng		99
68) Hexachlorobenzene	16.71	284	98303	39.516	ng		97
69) Atrazine	16.87	200	73499	37.341	ng		95
70) Pentachlorophenol	17.07	266	45344	40.227	ng		91
71) Phenanthrene	17.47	178	368154	39.549	ng		99
72) Anthracene	17.55	178	365639	39.256	ng		99
73) Carbazole	17.84	167	313224	39.559	ng		97
74) Di-n-butylphthalate	18.36	149	387911	38.979	ng		100
75) Fluoranthene	19.47	202	500425	40.320	ng		99
77) Benzidine	19.66	184	175624	42.030	ng		97
78) Pyrene	19.83	202	500991	38.968	ng		100
80) Butylbenzylphthalate	20.70	149	175232	36.496	ng		94
81) Benzo(a)anthracene	21.68	228	512390	39.135	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	171578	37.844	ng		98
83) Chrysene	21.74	228	498845	39.361	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	246526	36.217	ng		99
85) Di-n-octyl phthalate	22.76	149	419743	36.439	ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	594328	38.728	ng	#	97
88) Benzo(b)fluoranthene	23.93	252	493633	38.090	ng		97
89) Benzo(k)fluoranthene	24.00	252	512851	40.308	ng		95
90) Benzo(a)pyrene	24.82	252	472679	38.403	ng		99
91) Dibenzo(a,h)anthracene	28.81	278	484190	39.266	ng		97
92) Benzo(g,h,i)perylene	29.95	276	474933	38.737	ng		97

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

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