Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041826.D
Acq On : 31 Jul 2019 8:55
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:21 PM

Quant Time: Jul 31 12:36:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	100694	20.00	ng		0.01
21) Naphthalene-d8	10.88	136	423778	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	312370	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	681957	20.00	ng		0.00
76) Chrysene-d12	21.74	240	649934	20.00	ng		0.00
87) Perylene-d12	25.02	264	781420	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	403200	77.91	ng		0.01
7) Phenol-d6	7.21	99	560849	80.38	ng		0.01
23) Nitrobenzene-d5	9.22	82	524322	85.14	ng		0.01
42) 2,4,6-Tribromophenol	16.20	330	305500	86.10	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	1393126	78.66	ng		0.00
79) Terphenyl-d14	20.07	244	2149531	75.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	86899	35.674	ng		91
3) Pyridine	3.88	79	246155	36.850	ng		94
4) n-Nitrosodimethylamine	3.79	42	102457	38.692	ng	#	92
6) Aniline	7.37	93	377189	38.392	ng		95
8) 2-Chlorophenol	7.62	128	242413	40.904	ng		92
9) Benzaldehyde	7.18	77	184477	37.575	ng		91
10) Phenol	7.24	94	290064	39.960	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	227997	38.207	ng		96
12) 1,3-Dichlorobenzene	7.95	146	304552	39.375	ng		98
13) 1,4-Dichlorobenzene	8.09	146	300026	38.766	ng		98
14) 1,2-Dichlorobenzene	8.42	146	288139	39.017	ng		96
15) Benzyl Alcohol	8.29	79	217597	39.641	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	399148	37.596	ng		96
17) 2-Methylphenol	8.50	107	208056	39.412	ng		98
18) Hexachloroethane	9.16	117	107558	40.583	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	191871	37.877	ng		90
20) 3+4-Methylphenols	8.83	107	293126	40.576	ng		99
22) Acetophenone	8.88	105	373937	39.449	ng	#	93
24) Nitrobenzene	9.27	77	272716	42.037	ng		96
25) Isophorone	9.79	82	520367	38.845	ng		100
26) 2-Nitrophenol	9.98	139	148592	49.350	ng		95
27) 2,4-Dimethylphenol	10.04	122	219251	41.258	ng		98
28) bis(2-Chloroethoxy)methane	10.28	93	328994	39.300	ng		100
29) 2,4-Dichlorophenol	10.52	162	275350	42.548	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	338865	41.293	ng		97
31) Naphthalene	10.93	128	773661	39.889	ng		98
32) Benzoic acid	10.19	122	160228	43.259	ng		97
33) 4-Chloroaniline	11.03	127	365786	39.769	ng		96
34) Hexachlorobutadiene	11.23	225	227579	41.089	ng		98
35) Caprolactam	11.80	113	92577	41.163	ng	#	85
36) 4-Chloro-3-methylphenol	12.15	107	269760	42.045	ng		97
37) 2-Methylnaphthalene	12.54	142	618046	40.258	ng		100
38) 1-Methylnaphthalene	12.76	142	593886	40.821	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	392098	39.655	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	231149	41.579	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	264876	42.383	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	269400	41.482	ng		96
46) 1,1'-Biphenyl	13.55	154	786639	39.175	ng		97
47) 2-Chloronaphthalene	13.59	162	671808	39.296	ng		97
48) 2-Nitroaniline	13.78	65	190339	43.898	ng		92
49) Acenaphthylene	14.43	152	1007378	39.392	ng		99
50) Dimethylphthalate	14.16	163	857569	40.198	ng		99
51) 2,6-Dinitrotoluene	14.27	165	198627	44.526	ng		89
52) Acenaphthene	14.78	154	659737	39.666	ng		99
53) 3-Nitroaniline	14.60	138	204480	42.847	ng	#	92
54) 2,4-Dinitrophenol	14.80	184	100982	45.153	ng		90
55) Dibenzofuran	15.10	168	1003214	39.434	ng		95
56) 4-Nitrophenol	14.90	139	157184	43.391	ng		93
57) 2,4-Dinitrotoluene	15.06	165	277359	45.212	ng		91
58) Fluorene	15.76	166	811927	39.769	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.33	232	274295	42.644	ng		92
60) Diethylphthalate	15.53	149	835107	39.872	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	498063	39.961	ng		95
62) 4-Nitroaniline	15.77	138	216328	41.850	ng		97
63) Azobenzene	16.04	77	658165	38.468	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	146639	44.514	ng		86
66) n-Nitrosodiphenylamine	15.96	169	751409	40.450	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	340962	40.589	ng		98
68) Hexachlorobenzene	16.77	284	350067	39.833	ng		93
69) Atrazine	16.91	200	295479	40.484	ng		97
70) Pentachlorophenol	17.11	266	214510	42.967	ng		99
71) Phenanthrene	17.50	178	1307033	39.985	ng		96
72) Anthracene	17.59	178	1314816	40.330	ng		96
73) Carbazole	17.85	167	1162326	39.723	ng		96
74) Di-n-butylphthalate	18.42	149	1373904	41.417	ng		96
75) Fluoranthene	19.51	202	1571399	39.549	ng		92
77) Benzidine	19.68	184	846426	39.900	ng		99
78) Pyrene	19.87	202	1563093	40.592	ng		95
80) Butylbenzylphthalate	20.76	149	635955	43.075	ng		91
81) Benzo(a)anthracene	21.72	228	1559701	40.561	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	644850	41.768	ng		98
83) Chrysene	21.79	228	1497991	40.640	ng		96
84) Bis(2-ethylhexyl)phthalate	21.64	149	873808	42.906	ng		99
85) Di-n-octyl phthalate	22.88	149	1491881	43.528	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.77	276	1979612	40.571	ng	#	89
88) Benzo(b)fluoranthene	23.98	252	1700316m	39.776	ng		
89) Benzo(k)fluoranthene	24.05	252	1659982	39.865	ng	#	96
90) Benzo(a)pyrene	24.86	252	1631060	39.784	ng	#	96
91) Dibenzo(a,h)anthracene	28.84	278	1594276	39.604	ng	#	95
92) Benzo(g,h,i)perylene	29.93	276	1589067	39.510	ng	#	93

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

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