Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045042.D
Acq On : 17 Apr 2020 21:47
Operator : CG/JU
Sample : SSTDCCC40
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC40

Manual Integrations APPROVED
mohammad
4/20/2020 2:28:08 PM

Quant Time: Apr 17 22:29:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	79574	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	360535	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	274026	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	644075	20.00	ng		0.00
76) Chrysene-d12	21.66	240	580968	20.00	ng		0.00
87) Perylene-d12	24.85	264	632831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	375245	77.85	ng		0.00
7) Phenol-d6	7.18	99	612943	85.59	ng		0.00
23) Nitrobenzene-d5	9.18	82	632143	80.00	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	350494	82.79	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1514704	81.05	ng		0.00
79) Terphenyl-d14	20.01	244	2222303	83.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	74449	34.756	ng		97
3) Pyridine	3.88	79	231142	35.047	ng		96
4) n-Nitrosodimethylamine	3.80	42	83871	41.512	ng		91
6) Aniline	7.34	93	383959	41.238	ng		98
8) 2-Chlorophenol	7.59	128	218591	42.198	ng		99
9) Benzaldehyde	7.16	77	156264	38.211	ng		94
10) Phenol	7.21	94	305350	42.611	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	232503	40.751	ng		98
12) 1,3-Dichlorobenzene	7.91	146	242920	39.796	ng		99
13) 1,4-Dichlorobenzene	8.06	146	246339	40.501	ng		97
14) 1,2-Dichlorobenzene	8.38	146	238780	41.035	ng		93
15) Benzyl Alcohol	8.26	79	263674	43.916	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	225464	40.257	ng		95
17) 2-Methylphenol	8.47	107	233132	42.166	ng		97
18) Hexachloroethane	9.11	117	93962	41.094	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	218245	43.094	ng		94
20) 3+4-Methylphenols	8.79	107	333293	43.067	ng		98
22) Acetophenone	8.84	105	382826	39.265	ng	#	98
24) Nitrobenzene	9.22	77	322345	39.799	ng		94
25) Isophorone	9.75	82	651100	40.238	ng		99
26) 2-Nitrophenol	9.93	139	147933	42.403	ng		98
27) 2,4-Dimethylphenol	10.00	122	210427	38.013	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	336697	39.603	ng		100
29) 2,4-Dichlorophenol	10.48	162	266331	41.667	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	293787	40.595	ng		99
31) Naphthalene	10.88	128	789399	40.024	ng		100
32) Benzoic acid	10.16	122	204310	45.994	ng		93
33) 4-Chloroaniline	10.98	127	366421	39.836	ng		98
34) Hexachlorobutadiene	11.18	225	205491	41.414	ng		100
35) Caprolactam	11.76	113	96408	37.897	ng		95
36) 4-Chloro-3-methylphenol	12.11	107	312556	41.625	ng		99
37) 2-Methylnaphthalene	12.49	142	631468	41.249	ng		97
38) 1-Methylnaphthalene	12.71	142	597127m	41.318	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	359004	40.690	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	201436	36.529	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	256661	41.218	ng		99
44) 2,4,5-Trichlorophenol	13.16	196	288994	40.773	ng		98
46) 1,1'-Biphenyl	13.49	154	830363	39.868	ng		98
47) 2-Chloronaphthalene	13.53	162	634422	39.864	ng		98
48) 2-Nitroaniline	13.73	65	209792	40.066	ng		97
49) Acenaphthylene	14.38	152	1026340	39.592	ng		99
50) Dimethylphthalate	14.11	163	876431	39.280	ng		98
51) 2,6-Dinitrotoluene	14.22	165	200274	40.130	ng		98
52) Acenaphthene	14.72	154	707975	40.365	ng		99
53) 3-Nitroaniline	14.55	138	210484	38.455	ng		97
54) 2,4-Dinitrophenol	14.76	184	130458	43.961	ng		94
55) Dibenzofuran	15.06	168	1018884	39.846	ng		96
56) 4-Nitrophenol	14.86	139	167338	39.429	ng		99
57) 2,4-Dinitrotoluene	15.02	165	287524	39.423	ng	#	99
58) Fluorene	15.71	166	841636	40.296	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	266000	42.178	ng		98
60) Diethylphthalate	15.48	149	899194	38.653	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	494437	41.127	ng		99
62) 4-Nitroaniline	15.72	138	214142	37.720	ng		92
63) Azobenzene	15.99	77	853812	39.809	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	178074	42.063	ng		98
66) n-Nitrosodiphenylamine	15.91	169	748900	40.469	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	348102	41.894	ng		96
68) Hexachlorobenzene	16.72	284	351946	40.841	ng		96
69) Atrazine	16.86	200	260566	37.845	ng		97
70) Pentachlorophenol	17.05	266	225441	42.644	ng		96
71) Phenanthrene	17.45	178	1312119	39.644	ng		98
72) Anthracene	17.54	178	1294630	38.995	ng		98
73) Carbazole	17.80	167	1249302	37.081	ng		99
74) Di-n-butylphthalate	18.37	149	1476159	39.509	ng		100
75) Fluoranthene	19.45	202	1571767	39.673	ng		98
77) Benzidine	19.63	184	559738	31.474	ng		96
78) Pyrene	19.81	202	1539269	38.432	ng		99
80) Butylbenzylphthalate	20.70	149	659749	39.739	ng		100
81) Benzo(a)anthracene	21.65	228	1525894	40.523	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	620817	41.422	ng		99
83) Chrysene	21.71	228	1467196	40.553	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	904257	39.602	ng		99
85) Di-n-octyl phthalate	22.77	149	1582584	40.080	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	1972788	41.070	ng	#	97
88) Benzo(b)fluoranthene	23.84	252	1672875	42.201	ng		98
89) Benzo(k)fluoranthene	23.91	252	1565024	41.515	ng		99
90) Benzo(a)pyrene	24.71	252	1559039	41.656	ng		99
91) Dibenzo(a,h)anthracene	28.54	278	1572448	41.695	ng		97
92) Benzo(g,h,i)perylene	29.61	276	1578058	41.737	ng		98

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

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