Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030920\
Data File : BG044701.D
Acq On : 9 Mar 2020 13:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/10/2020 2:43:43 PM

Quant Time: Mar 09 19:09:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 17:42:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	102910	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	413508	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	289025	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	649184	20.00	ng		0.00
76) Chrysene-d12	21.71	240	545098	20.00	ng		0.00
87) Perylene-d12	24.93	264	644031	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	513054	74.87	ng		0.00
7) Phenol-d6	7.21	99	757399	73.13	ng		0.00
23) Nitrobenzene-d5	9.22	82	725095	79.84	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	285592	71.93	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1560620	75.22	ng		0.00
79) Terphenyl-d14	20.05	244	2271396	74.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	122542	37.309	ng		97
3) Pyridine	3.92	79	372604m	36.588	ng		
4) n-Nitrosodimethylamine	3.83	42	145775	33.840	ng	#	71
6) Aniline	7.38	93	472544	36.419	ng		98
8) 2-Chlorophenol	7.62	128	260793	37.552	ng		99
9) Benzaldehyde	7.19	77	220116	33.109	ng		93
10) Phenol	7.24	94	385423	37.775	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	303149	38.668	ng		97
12) 1,3-Dichlorobenzene	7.95	146	316256	38.290	ng		97
13) 1,4-Dichlorobenzene	8.09	146	319090	38.669	ng		95
14) 1,2-Dichlorobenzene	8.42	146	297900	38.192	ng		97
15) Benzyl Alcohol	8.29	79	320726	35.894	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	536190	36.201	ng		95
17) 2-Methylphenol	8.49	107	257433	36.824	ng		97
18) Hexachloroethane	9.15	117	123020	37.171	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	281578	36.390	ng		96
20) 3+4-Methylphenols	8.82	107	360610	37.027	ng		97
22) Acetophenone	8.88	105	489366	40.539	ng		98
24) Nitrobenzene	9.26	77	378812	39.341	ng		99
25) Isophorone	9.79	82	732868	36.592	ng		96
26) 2-Nitrophenol	9.97	139	114209	35.877	ng		91
27) 2,4-Dimethylphenol	10.03	122	231501	36.843	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	436560	38.718	ng		100
29) 2,4-Dichlorophenol	10.51	162	275587	38.547	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	319592	38.483	ng		99
31) Naphthalene	10.92	128	908598	39.154	ng		98
32) Benzoic acid	10.16	122	151261	33.779	ng		98
33) 4-Chloroaniline	11.01	127	407068	38.085	ng		97
34) Hexachlorobutadiene	11.22	225	214371	37.781	ng		98
35) Caprolactam	11.79	113	108032	36.198	ng		96
36) 4-Chloro-3-methylphenol	12.14	107	335843	37.093	ng		96
37) 2-Methylnaphthalene	12.52	142	677150	38.668	ng		98
38) 1-Methylnaphthalene	12.74	142	631595	38.152	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	363949	38.789	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	189233	34.490	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	236225	36.317	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	250521	37.555	ng		96
46) 1,1'-Biphenyl	13.53	154	880721	38.312	ng		99
47) 2-Chloronaphthalene	13.57	162	670222	38.222	ng		100
48) 2-Nitroaniline	13.76	65	229773	37.541	ng		97
49) Acenaphthylene	14.42	152	1063864	37.869	ng		99
50) Dimethylphthalate	14.15	163	908872	37.825	ng		99
51) 2,6-Dinitrotoluene	14.26	165	175443	40.634	ng		94
52) Acenaphthene	14.76	154	689394	37.952	ng		98
53) 3-Nitroaniline	14.58	138	203736	40.946	ng		95
54) 2,4-Dinitrophenol	14.79	184	71312	35.131	ng	#	84
55) Dibenzofuran	15.09	168	1030215	37.850	ng		98
56) 4-Nitrophenol	14.88	139	153416	39.627	ng		93
57) 2,4-Dinitrotoluene	15.04	165	237297	39.576	ng		96
58) Fluorene	15.74	166	844542	37.514	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	235156m	37.039	ng		
60) Diethylphthalate	15.51	149	945110	36.790	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	455881	37.319	ng		98
62) 4-Nitroaniline	15.74	138	222978	40.686	ng		94
63) Azobenzene	16.03	77	989179	36.795	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	95009	35.683	ng		96
66) n-Nitrosodiphenylamine	15.94	169	753256	37.950	ng		98
67) 4-Bromophenyl-phenylether	16.63	248	307362	37.541	ng		99
68) Hexachlorobenzene	16.75	284	336086	38.016	ng		97
69) Atrazine	16.90	200	291517	38.004	ng		98
70) Pentachlorophenol	17.09	266	177098	35.303	ng		99
71) Phenanthrene	17.48	178	1351919	37.979	ng		99
72) Anthracene	17.57	178	1336038	38.107	ng		98
73) Carbazole	17.84	167	1279065	38.094	ng		99
74) Di-n-butylphthalate	18.41	149	1571097	37.152	ng		99
75) Fluoranthene	19.49	202	1604857	37.304	ng		97
77) Benzidine	19.66	184	738943	33.959	ng		97
78) Pyrene	19.85	202	1611636	38.762	ng		98
80) Butylbenzylphthalate	20.74	149	702464	37.852	ng		98
81) Benzo(a)anthracene	21.69	228	1539912	37.671	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	603639	37.088	ng		100
83) Chrysene	21.76	228	1470753	37.800	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	970525	37.501	ng		98
85) Di-n-octyl phthalate	22.86	149	1628513	36.643	ng		100
86) Indeno(1,2,3-cd)pyrene	28.60	276	1909133	37.152	ng	#	97
88) Benzo(b)fluoranthene	23.92	252	1678250	38.288	ng	#	98
89) Benzo(k)fluoranthene	23.99	252	1580730m	38.473	ng		
90) Benzo(a)pyrene	24.78	252	1556830	38.135	ng	#	98
91) Dibenzo(a,h)anthracene	28.68	278	1516075	37.243	ng		98
92) Benzo(g,h,i)perylene	29.74	276	1520580	37.291	ng		98

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

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