Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044699.D
Acq On : 6 Mar 2020 15:57
Operator : CG/JU
Sample : SSTDCCC040
Misc : LOO-WATER 10PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/9/2020 3:08:00 PM

Quant Time: Mar 07 04:40:45 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	73192	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	307165	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	214133	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	500056	20.00	ng		0.00
76) Chrysene-d12	21.72	240	442677	20.00	ng		0.00
87) Perylene-d12	24.94	264	520808	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	355790	73.00	ng		0.00
7) Phenol-d6	7.21	99	540895	73.43	ng		0.00
23) Nitrobenzene-d5	9.22	82	551777	81.79	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	231974	78.86	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1169709	76.09	ng		0.00
79) Terphenyl-d14	20.06	244	1877275	75.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	84400	36.129	ng		99
3) Pyridine	3.92	79	260425	35.956	ng		94
4) n-Nitrosodimethylamine	3.83	42	109925	35.879	ng	#	98
6) Aniline	7.38	93	336465	36.461	ng		95
8) 2-Chlorophenol	7.62	128	182372	36.922	ng		96
9) Benzaldehyde	7.19	77	165793	35.875	ng		97
10) Phenol	7.24	94	270140	37.227	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	210725	37.793	ng		99
12) 1,3-Dichlorobenzene	7.95	146	224633	38.240	ng		98
13) 1,4-Dichlorobenzene	8.10	146	223212	38.033	ng		95
14) 1,2-Dichlorobenzene	8.42	146	209807	37.819	ng		97
15) Benzyl Alcohol	8.29	79	232828	36.636	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	405611	38.504	ng		98
17) 2-Methylphenol	8.49	107	182904	36.786	ng		97
18) Hexachloroethane	9.15	117	90017	38.242	ng		92
19) n-Nitroso-di-n-propylamine	8.87	70	202516	36.800	ng		98
20) 3+4-Methylphenols	8.82	107	258164	37.271	ng		94
22) Acetophenone	8.88	105	323460	36.072	ng		94
24) Nitrobenzene	9.26	77	285639	39.934	ng		96
25) Isophorone	9.79	82	531399	35.718	ng		99
26) 2-Nitrophenol	9.97	139	95317	39.571	ng		94
27) 2,4-Dimethylphenol	10.03	122	170062	36.435	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	310444	37.065	ng		100
29) 2,4-Dichlorophenol	10.51	162	201334	37.910	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	233286	37.816	ng		98
31) Naphthalene	10.92	128	651660	37.804	ng		99
32) Benzoic acid	10.16	122	127285	37.239	ng		93
33) 4-Chloroaniline	11.02	127	297695	37.495	ng		98
34) Hexachlorobutadiene	11.22	225	156588	37.152	ng		95
35) Caprolactam	11.78	113	82303	37.124	ng		97
36) 4-Chloro-3-methylphenol	12.14	107	246935	36.715	ng		95
37) 2-Methylnaphthalene	12.52	142	498463	38.318	ng		99
38) 1-Methylnaphthalene	12.74	142	461394	37.520	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	262828	37.809	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	152978	37.633	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	185659	38.525	ng		94
44) 2,4,5-Trichlorophenol	13.19	196	185829	37.600	ng		91
46) 1,1'-Biphenyl	13.53	154	655220	38.472	ng		99
47) 2-Chloronaphthalene	13.57	162	499309	38.434	ng		99
48) 2-Nitroaniline	13.76	65	196307	42.404	ng		97
49) Acenaphthylene	14.42	152	803256	38.593	ng		99
50) Dimethylphthalate	14.15	163	682522	38.340	ng		99
51) 2,6-Dinitrotoluene	14.26	165	139972	43.757	ng		99
52) Acenaphthene	14.76	154	522837	38.849	ng		99
53) 3-Nitroaniline	14.59	138	159733	43.330	ng		99
54) 2,4-Dinitrophenol	14.79	184	62976	40.515	ng	#	93
55) Dibenzofuran	15.09	168	775308	38.447	ng		98
56) 4-Nitrophenol	14.88	139	123602	43.093	ng		97
57) 2,4-Dinitrotoluene	15.04	165	193908	43.022	ng		95
58) Fluorene	15.74	166	634610	38.048	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	180652m	38.406	ng		
60) Diethylphthalate	15.52	149	739846	38.872	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	346708	38.308	ng		99
62) 4-Nitroaniline	15.75	138	170247	41.929	ng		97
63) Azobenzene	16.03	77	764368	38.376	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	86924	40.897	ng		95
66) n-Nitrosodiphenylamine	15.95	169	574568	37.580	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	238549	37.825	ng		99
68) Hexachlorobenzene	16.75	284	258628	37.979	ng		98
69) Atrazine	16.90	200	225063	38.091	ng		98
70) Pentachlorophenol	17.09	266	149572	38.707	ng		98
71) Phenanthrene	17.48	178	1045024	38.113	ng		99
72) Anthracene	17.58	178	1035041	38.326	ng		98
73) Carbazole	17.83	167	990608	38.301	ng		99
74) Di-n-butylphthalate	18.42	149	1258774	38.644	ng		99
75) Fluoranthene	19.49	202	1263953	38.141	ng		100
77) Benzidine	19.66	184	631173	35.718	ng		96
78) Pyrene	19.85	202	1279390	37.891	ng		98
80) Butylbenzylphthalate	20.75	149	583691	38.729	ng		97
81) Benzo(a)anthracene	21.69	228	1227510	36.976	ng		100
82) 3,3'-Dichlorobenzidine	21.61	252	486659	36.819	ng		99
83) Chrysene	21.77	228	1193767	37.780	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	794015	37.779	ng		98
85) Di-n-octyl phthalate	22.86	149	1352433	37.471	ng		100
86) Indeno(1,2,3-cd)pyrene	28.62	276	1543476	36.986	ng		99
88) Benzo(b)fluoranthene	23.92	252	1322567	37.312	ng		100
89) Benzo(k)fluoranthene	23.99	252	1269960	38.223	ng		98
90) Benzo(a)pyrene	24.80	252	1250468	37.878	ng		97
91) Dibenzo(a,h)anthracene	28.69	278	1234652	37.506	ng		96
92) Benzo(g,h,i)perylene	29.75	276	1242281	37.674	ng		96

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

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