Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
Data File : BG045431.D
Acq On : 19 May 2020 19:25
Operator : CG/JU
Sample : SSTDCCC040
Misc : WATER - LOD - 8PPM
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/20/2020 1:20:09 PM

Quant Time: May 20 02:23:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 12:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	108412	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	425398	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	303093	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	697077	20.00	ng		0.00
76) Chrysene-d12	21.62	240	657239	20.00	ng		0.00
87) Perylene-d12	24.77	264	726587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	446372	80.47	ng		0.00
7) Phenol-d6	7.20	99	648502	82.13	ng		0.00
23) Nitrobenzene-d5	9.13	82	618659	79.31	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	292139	75.37	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1379605	77.21	ng		0.00
79) Terphenyl-d14	19.97	244	2191863	77.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	102895	37.404	ng		98
3) Pyridine	3.82	79	310190	40.488	ng		93
4) n-Nitrosodimethylamine	3.73	42	92962	37.081	ng		96
6) Aniline	7.30	93	409818	39.761	ng		98
8) 2-Chlorophenol	7.55	128	240318	39.504	ng		97
9) Benzaldehyde	7.10	77	207910	40.417	ng		96
10) Phenol	7.22	94	328295	40.344	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	260255	41.003	ng		99
12) 1,3-Dichlorobenzene	7.85	146	289662	39.623	ng		98
13) 1,4-Dichlorobenzene	8.00	146	289070	40.068	ng		98
14) 1,2-Dichlorobenzene	8.32	146	273055	39.351	ng		97
15) Benzyl Alcohol	8.22	79	258367	39.612	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	250871	41.639	ng		98
17) 2-Methylphenol	8.46	107	254402	41.768	ng		96
18) Hexachloroethane	9.05	117	109544	39.645	ng		91
19) n-Nitroso-di-n-propylamine	8.77	70	223385	40.914	ng		99
20) 3+4-Methylphenols	8.79	107	336797m	40.607	ng		
22) Acetophenone	8.79	105	406615	40.329	ng	#	93
24) Nitrobenzene	9.17	77	327137	39.141	ng		96
25) Isophorone	9.69	82	627138	40.821	ng		99
26) 2-Nitrophenol	9.89	139	150433	42.075	ng		89
27) 2,4-Dimethylphenol	9.97	122	224912	42.413	ng		99
28) bis(2-Chloroethoxy)methane	10.18	93	334425	41.508	ng		97
29) 2,4-Dichlorophenol	10.45	162	263316	42.050	ng		97
30) 1,2,4-Trichlorobenzene	10.64	180	299375	40.459	ng		95
31) Naphthalene	10.82	128	803700	40.543	ng		99
32) Benzoic acid	10.17	122	171756	47.702	ng		95
33) 4-Chloroaniline	10.94	127	351153	42.378	ng		98
34) Hexachlorobutadiene	11.11	225	206469	39.474	ng		97
35) Caprolactam	11.71	113	92752	40.354	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	295842	41.926	ng		95
37) 2-Methylnaphthalene	12.43	142	604432	40.909	ng		96
38) 1-Methylnaphthalene	12.65	142	567720	40.677	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	330730	39.066	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	193792	39.660	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	235855	40.105	ng		98
44) 2,4,5-Trichlorophenol	13.15	196	261282	38.879	ng		96
46) 1,1'-Biphenyl	13.44	154	739784	39.723	ng		99
47) 2-Chloronaphthalene	13.48	162	600700	39.721	ng		100
48) 2-Nitroaniline	13.69	65	191549	38.505	ng		84
49) Acenaphthylene	14.33	152	968539	39.871	ng		99
50) Dimethylphthalate	14.06	163	800081	38.480	ng		99
51) 2,6-Dinitrotoluene	14.18	165	187103	39.880	ng		94
52) Acenaphthene	14.67	154	642673m	39.524	ng		
53) 3-Nitroaniline	14.53	138	189581	39.750	ng		94
54) 2,4-Dinitrophenol	14.72	184	99956	35.763	ng		92
55) Dibenzofuran	15.01	168	941216	38.979	ng		98
56) 4-Nitrophenol	14.90	139	139990	38.769	ng		98
57) 2,4-Dinitrotoluene	14.97	165	265368	39.054	ng	#	93
58) Fluorene	15.66	166	777706	39.203	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	229198	38.766	ng		99
60) Diethylphthalate	15.43	149	821787	37.974	ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	439901	38.751	ng		99
62) 4-Nitroaniline	15.69	138	198637	39.895	ng		91
63) Azobenzene	15.94	77	772253	38.270	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	159095	39.188	ng		96
66) n-Nitrosodiphenylamine	15.87	169	683926	40.864	ng		96
67) 4-Bromophenyl-phenylether	16.54	248	310131	41.087	ng		98
68) Hexachlorobenzene	16.67	284	319025	40.410	ng		96
69) Atrazine	16.82	200	272047	39.463	ng		99
70) Pentachlorophenol	17.02	266	226173	55.174	ng		99
71) Phenanthrene	17.40	178	1210745	39.786	ng		98
72) Anthracene	17.49	178	1230843	40.276	ng		98
73) Carbazole	17.76	167	1186686	39.837	ng		99
74) Di-n-butylphthalate	18.32	149	1406541	39.339	ng		98
75) Fluoranthene	19.41	202	1496517	38.663	ng		97
77) Benzidine	19.59	184	694258	37.611	ng		99
78) Pyrene	19.77	202	1519572	40.559	ng		97
80) Butylbenzylphthalate	20.65	149	652073	40.323	ng		97
81) Benzo(a)anthracene	21.59	228	1454389	39.724	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	565338	39.364	ng		99
83) Chrysene	21.66	228	1410150	40.056	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	887771	39.937	ng		98
85) Di-n-octyl phthalate	22.70	149	1505411	39.430	ng		100
86) Indeno(1,2,3-cd)pyrene	28.35	276	1799493	39.089	ng	#	94
88) Benzo(b)fluoranthene	23.77	252	1525974	39.160	ng		98
89) Benzo(k)fluoranthene	23.84	252	1500048	40.974	ng		99
90) Benzo(a)pyrene	24.63	252	1460864	40.253	ng	#	97
91) Dibenzo(a,h)anthracene	28.41	278	1437703	39.422	ng		98
92) Benzo(g,h,i)perylene	29.47	276	1449718	39.746	ng		96

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

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