Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041339.D
Acq On : 19 Jun 2019 23:56
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 20 00:57:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39373	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	157849	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	106466	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	255856	20.00	ng		0.00
76) Chrysene-d12	21.75	240	243923	20.00	ng		0.00
87) Perylene-d12	25.06	264	241190	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	172980	80.72	ng		0.00
7) Phenol-d6	7.24	99	250604	80.68	ng		0.00
23) Nitrobenzene-d5	9.26	82	299840	79.89	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	129813	79.42	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	648834	82.83	ng		0.00
79) Terphenyl-d14	20.06	244	1045064	84.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	36155	33.648	ng		99
3) Pyridine	3.89	79	103958	36.470	ng		97
4) n-Nitrosodimethylamine	3.81	42	55189	36.305	ng		92
6) Aniline	7.41	93	171187	39.650	ng		100
8) 2-Chlorophenol	7.64	128	102022	40.519	ng		98
9) Benzaldehyde	7.22	77	82676	41.615	ng		90
10) Phenol	7.27	94	135174	40.470	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	96713	38.161	ng		99
12) 1,3-Dichlorobenzene	7.97	146	129203	40.983	ng		92
13) 1,4-Dichlorobenzene	8.12	146	131050	40.694	ng		97
14) 1,2-Dichlorobenzene	8.44	146	123464	40.139	ng		97
15) Benzyl Alcohol	8.32	79	108917	36.599	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	157858	38.050	ng		98
17) 2-Methylphenol	8.52	107	98759	41.357	ng		98
18) Hexachloroethane	9.16	117	47823	37.475	ng		94
19) n-Nitroso-di-n-propylamine	8.89	70	92345	36.759	ng		96
20) 3+4-Methylphenols	8.85	107	130359	41.007	ng		98
22) Acetophenone	8.92	105	176212	38.362	ng	#	96
24) Nitrobenzene	9.31	77	148466	39.331	ng		98
25) Isophorone	9.82	82	256242	37.213	ng		99
26) 2-Nitrophenol	10.02	139	61022	39.874	ng		96
27) 2,4-Dimethylphenol	10.06	122	94905	41.372	ng		93
28) bis(2-Chloroethoxy)methane	10.30	93	137452	38.310	ng		99
29) 2,4-Dichlorophenol	10.55	162	119373	41.969	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	148456	40.753	ng		97
31) Naphthalene	10.96	128	342632	39.939	ng		100
32) Benzoic acid	10.22	122	58620	39.255	ng		89
33) 4-Chloroaniline	11.07	127	147192	40.399	ng		94
34) Hexachlorobutadiene	11.22	225	116380	40.248	ng		96
35) Caprolactam	11.88	113	35737	36.496	ng		99
36) 4-Chloro-3-methylphenol	12.18	107	128708	39.176	ng		99
37) 2-Methylnaphthalene	12.55	142	250337	39.620	ng		98
38) 1-Methylnaphthalene	12.77	142	237616	39.306	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	189644	43.137	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	35215	11.892	ng		95
43) 2,4,6-Trichlorophenol	13.16	196	118423	43.544	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	116367	41.585	ng		98
46) 1,1'-Biphenyl	13.55	154	333344	41.416	ng		100
47) 2-Chloronaphthalene	13.60	162	288928	41.695	ng		99
48) 2-Nitroaniline	13.82	65	104409	41.141	ng		91
49) Acenaphthylene	14.45	152	423417	40.267	ng		99
50) Dimethylphthalate	14.17	163	359565	37.957	ng		99
51) 2,6-Dinitrotoluene	14.31	165	77219	38.660	ng		91
52) Acenaphthene	14.78	154	250280	40.533	ng		96
53) 3-Nitroaniline	14.64	138	80824	41.071	ng		95
54) 2,4-Dinitrophenol	14.85	184	11855	12.600	ng		91
55) Dibenzofuran	15.12	168	427002	39.774	ng		98
56) 4-Nitrophenol	14.95	139	54485	38.196	ng		93
57) 2,4-Dinitrotoluene	15.09	165	112314	38.466	ng	#	98
58) Fluorene	15.77	166	335064	39.675	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	117084	40.461	ng		99
60) Diethylphthalate	15.52	149	367076	38.124	ng		100
61) 4-Chlorophenyl-phenylether	15.75	204	218397	39.747	ng		97
62) 4-Nitroaniline	15.80	138	83338	39.595	ng		99
63) Azobenzene	16.04	77	329295	38.336	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	20043	12.069	ng		94
66) n-Nitrosodiphenylamine	15.97	169	294302	43.320	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	141102	42.651	ng		98
68) Hexachlorobenzene	16.76	284	145450	41.057	ng	#	94
69) Atrazine	16.91	200	104532	41.854	ng		99
70) Pentachlorophenol	17.11	266	77808	42.892	ng		98
71) Phenanthrene	17.51	178	559636	41.012	ng		100
72) Anthracene	17.60	178	557826	41.465	ng		99
73) Carbazole	17.87	167	485665	41.269	ng		99
74) Di-n-butylphthalate	18.40	149	594522	40.488	ng		99
75) Fluoranthene	19.52	202	689183	38.016	ng		98
77) Benzidine	19.70	184	275723	46.733	ng		98
78) Pyrene	19.88	202	697544	42.403	ng		99
80) Butylbenzylphthalate	20.74	149	260415	41.852	ng		94
81) Benzo(a)anthracene	21.73	228	686780	41.583	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	251994	43.465	ng		99
83) Chrysene	21.80	228	656340	41.324	ng		100
84) Bis(2-ethylhexyl)phthalate	21.59	149	356896	42.088	ng		99
85) Di-n-octyl phthalate	22.83	149	609721	42.500	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	486819	25.834	ng	#	96
88) Benzo(b)fluoranthene	24.01	252	608761	40.727	ng		100
89) Benzo(k)fluoranthene	24.08	252	665921	44.972	ng		98
90) Benzo(a)pyrene	24.91	252	578233	40.961	ng		98
91) Dibenzo(a,h)anthracene	28.94	278	416968	29.339	ng		97
92) Benzo(g,h,i)perylene	30.08	276	312562	22.255	ng		97

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

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