Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041194.D
Acq On : 11 Jun 2019 18:00
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 11 19:11:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	29657	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	131328	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	100219	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	250581	20.00	ng	0.00
76) Chrysene-d12	21.76	240	256390	20.00	ng	0.00
87) Perylene-d12	25.08	264	259229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	135884	82.62	ng	0.00
7) Phenol-d6	7.25	99	206585	81.33	ng	0.00
23) Nitrobenzene-d5	9.29	82	242466	81.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	122240	82.16	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	580943	83.48	ng	0.00
79) Terphenyl-d14	20.07	244	1080480	89.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	29786	39.911	ng	96
3) Pyridine	3.92	79	82680	37.440	ng	98
4) n-Nitrosodimethylamine	3.83	42	42634	41.598	ng	94
6) Aniline	7.43	93	134245	39.596	ng	95
8) 2-Chlorophenol	7.67	128	81579	41.606	ng	93
9) Benzaldehyde	7.24	77	59591	39.329	ng	89
10) Phenol	7.28	94	110365	40.524	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	77322	39.136	ng	97
12) 1,3-Dichlorobenzene	7.99	146	97727	41.730	ng	100
13) 1,4-Dichlorobenzene	8.14	146	96880	40.869	ng	97
14) 1,2-Dichlorobenzene	8.46	146	94241	40.946	ng	98
15) Benzyl Alcohol	8.35	79	90698	38.601	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	117293	36.331	ng	97
17) 2-Methylphenol	8.54	107	80653	40.902	ng	97
18) Hexachloroethane	9.19	117	36700	40.170	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	73966	37.840	ng	98
20) 3+4-Methylphenols	8.87	107	107705	39.432	ng	98
22) Acetophenone	8.93	105	145538	39.506	ng	100
24) Nitrobenzene	9.33	77	121124	40.178	ng	98
25) Isophorone	9.84	82	211996	37.656	ng	98
26) 2-Nitrophenol	10.04	139	51004	41.039	ng	98
27) 2,4-Dimethylphenol	10.08	122	79225	38.597	ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	112688	37.086	ng	97
29) 2,4-Dichlorophenol	10.57	162	102111	39.175	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	122147	41.194	ng	96
31) Naphthalene	10.98	128	290624	41.217	ng	99
32) Benzoic acid	10.20	122	47609	32.907	ng	98
33) 4-Chloroaniline	11.09	127	129721	39.650	ng	95
34) Hexachlorobutadiene	11.24	225	90056	39.693	ng	98
35) Caprolactam	11.88	113	32266	37.486	ng	93
36) 4-Chloro-3-methylphenol	12.20	107	117927	39.615	ng	96
37) 2-Methylnaphthalene	12.57	142	219282	40.379	ng	96
38) 1-Methylnaphthalene	12.79	142	209412	40.921	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	169508	41.964	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	66666	35.777	ng		91
43) 2,4,6-Trichlorophenol	13.17	196	105653	40.432	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	107584	39.038	ng		97
46) 1,1'-Biphenyl	13.57	154	300737	40.539	ng		99
47) 2-Chloronaphthalene	13.62	162	264439	41.522	ng		99
48) 2-Nitroaniline	13.83	65	94176	41.220	ng		95
49) Acenaphthylene	14.46	152	395791	41.292	ng		98
50) Dimethylphthalate	14.18	163	339291	39.994	ng		99
51) 2,6-Dinitrotoluene	14.32	165	73527	40.198	ng		97
52) Acenaphthene	14.80	154	231827	39.925	ng		97
53) 3-Nitroaniline	14.65	138	71794	39.252	ng	#	92
54) 2,4-Dinitrophenol	14.86	184	25986	37.814	ng		92
55) Dibenzofuran	15.13	168	406737	41.629	ng		100
56) 4-Nitrophenol	14.95	139	47524	37.881	ng		86
57) 2,4-Dinitrotoluene	15.10	165	105052	40.658	ng		96
58) Fluorene	15.78	166	316529	40.679	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	107796	39.801	ng		99
60) Diethylphthalate	15.53	149	344493	39.790	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	205536	40.639	ng		93
62) 4-Nitroaniline	15.81	138	81803	42.245	ng		98
63) Azobenzene	16.06	77	315138	40.048	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	53504	41.305	ng		98
66) n-Nitrosodiphenylamine	15.99	169	285934	40.592	ng		97
67) 4-Bromophenyl-phenylether	16.66	248	136202	40.276	ng		99
68) Hexachlorobenzene	16.78	284	143659	39.895	ng		98
69) Atrazine	16.93	200	110609	40.695	ng		97
70) Pentachlorophenol	17.12	266	68635	37.943	ng		96
71) Phenanthrene	17.52	178	546086	41.838	ng		99
72) Anthracene	17.61	178	543481	42.218	ng		99
73) Carbazole	17.89	167	477102	43.193	ng		98
74) Di-n-butylphthalate	18.42	149	572813	41.724	ng		99
75) Fluoranthene	19.53	202	714941	44.346	ng		99
77) Benzidine	19.71	184	204000	33.354	ng		96
78) Pyrene	19.89	202	717999	43.079	ng		97
80) Butylbenzylphthalate	20.76	149	270153	41.651	ng		96
81) Benzo(a)anthracene	21.74	228	709010	41.543	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	231091	38.497	ng		99
83) Chrysene	21.81	228	681654	41.736	ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	375769	41.155	ng		98
85) Di-n-octyl phthalate	22.84	149	625848	41.157	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	572633	28.622	ng		99
88) Benzo(b)fluoranthene	24.02	252	664702	42.275	ng		98
89) Benzo(k)fluoranthene	24.09	252	693636	44.581	ng		99
90) Benzo(a)pyrene	24.93	252	618045	41.200	ng		96
91) Dibenzo(a,h)anthracene	28.96	278	438558	29.258	ng		98
92) Benzo(g,h,i)perylene	30.11	276	439633	30.190	ng		98

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

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