Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
Data File : BG041784.D
Acq On : 29 Jul 2019 9:06
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 30 01:03:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 12:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	93037	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	402737	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	283826	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	634717	20.00	ng		0.00
76) Chrysene-d12	21.74	240	621839	20.00	ng		0.00
87) Perylene-d12	25.02	264	733415	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	393481	82.29	ng		0.00
7) Phenol-d6	7.20	99	532490	82.60	ng		0.00
23) Nitrobenzene-d5	9.21	82	488769	83.52	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	261245	81.03	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1323080	82.22	ng		0.00
79) Terphenyl-d14	20.07	244	2082785	76.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	92256	40.990	ng		93
3) Pyridine	3.87	79	254995	41.315	ng		91
4) n-Nitrosodimethylamine	3.78	42	98383	40.211	ng		92
6) Aniline	7.36	93	366939	40.422	ng		97
8) 2-Chlorophenol	7.60	128	227669	41.578	ng		96
9) Benzaldehyde	7.17	77	185915	40.985	ng		90
10) Phenol	7.22	94	275620	41.095	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	223961	40.619	ng		94
12) 1,3-Dichlorobenzene	7.94	146	289544	40.515	ng		98
13) 1,4-Dichlorobenzene	8.08	146	287518	40.207	ng		97
14) 1,2-Dichlorobenzene	8.40	146	276315	40.495	ng		94
15) Benzyl Alcohol	8.28	79	206200	40.656	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	389162	39.672	ng		97
17) 2-Methylphenol	8.48	107	197670	40.526	ng		99
18) Hexachloroethane	9.14	117	99914	40.801	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	187014	39.957	ng		91
20) 3+4-Methylphenols	8.81	107	273629	40.995	ng		99
22) Acetophenone	8.87	105	360653	40.036	ng	#	92
24) Nitrobenzene	9.25	77	253455	41.109	ng		99
25) Isophorone	9.78	82	508567	39.947	ng		99
26) 2-Nitrophenol	9.97	139	111190	38.858	ng		95
27) 2,4-Dimethylphenol	10.03	122	204271	40.447	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	318331	40.013	ng		100
29) 2,4-Dichlorophenol	10.51	162	248405	40.390	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	310691	39.837	ng		98
31) Naphthalene	10.92	128	746410	40.495	ng		97
32) Benzoic acid	10.16	122	118978	35.709	ng		95
33) 4-Chloroaniline	11.02	127	345493	39.525	ng		97
34) Hexachlorobutadiene	11.22	225	206648	39.260	ng		99
35) Caprolactam	11.79	113	87155	40.777	ng	#	84
36) 4-Chloro-3-methylphenol	12.14	107	249132	40.859	ng		98
37) 2-Methylnaphthalene	12.53	142	588313	40.324	ng		99
38) 1-Methylnaphthalene	12.75	142	552372	39.951	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	356885	39.723	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	199173	39.431 ng		99
43) 2,4,6-Trichlorophenol	13.13	196	234094	41.225 ng		97
44) 2,4,5-Trichlorophenol	13.20	196	244879	41.498 ng		95
46) 1,1'-Biphenyl	13.54	154	743407	40.746 ng		96
47) 2-Chloronaphthalene	13.58	162	629486	40.524 ng		98
48) 2-Nitroaniline	13.77	65	164939	41.866 ng		91
49) Acenaphthylene	14.42	152	950101	40.889 ng		98
50) Dimethylphthalate	14.15	163	797817	41.158 ng		98
51) 2,6-Dinitrotoluene	14.27	165	173350	42.768 ng		93
52) Acenaphthene	14.77	154	611412	40.457 ng		97
53) 3-Nitroaniline	14.59	138	183463	42.309 ng	#	93
54) 2,4-Dinitrophenol	14.80	184	76572	39.258 ng		91
55) Dibenzofuran	15.10	168	933142	40.369 ng		97
56) 4-Nitrophenol	14.89	139	137862	41.884 ng		93
57) 2,4-Dinitrotoluene	15.05	165	238206	42.735 ng		93
58) Fluorene	15.75	166	758472	40.887 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	237273	40.598 ng		94
60) Diethylphthalate	15.52	149	783888	41.191 ng		100
61) 4-Chlorophenyl-phenylether	15.75	204	450028	39.738 ng		97
62) 4-Nitroaniline	15.76	138	198757	42.318 ng		98
63) Azobenzene	16.04	77	632427	40.682 ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	112483	37.892 ng		88
66) n-Nitrosodiphenylamine	15.96	169	695101	40.204 ng		98
67) 4-Bromophenyl-phenylether	16.64	248	308802	39.496 ng		99
68) Hexachlorobenzene	16.76	284	321997	39.366 ng		94
69) Atrazine	16.90	200	277097	40.791 ng		98
70) Pentachlorophenol	17.10	266	189814	40.850 ng		98
71) Phenanthrene	17.50	178	1235573	40.612 ng		96
72) Anthracene	17.59	178	1227252	40.446 ng		96
73) Carbazole	17.86	167	1108526	40.704 ng		95
74) Di-n-butylphthalate	18.42	149	1296912	42.006 ng		96
75) Fluoranthene	19.51	202	1507757	40.771 ng		94
77) Benzidine	19.68	184	829111	40.849 ng		98
78) Pyrene	19.87	202	1518190	41.207 ng		94
80) Butylbenzylphthalate	20.76	149	590573	41.808 ng		91
81) Benzo(a)anthracene	21.72	228	1504328	40.889 ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	619940	41.969 ng		97
83) Chrysene	21.79	228	1437343	40.757 ng		96
84) Bis(2-ethylhexyl)phthalate	21.64	149	827021	42.444 ng		97
85) Di-n-octyl phthalate	22.88	149	1390711	42.409 ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.77	276	1888533	40.453 ng		95
88) Benzo(b)fluoranthene	23.98	252	1624499	40.490 ng		95
89) Benzo(k)fluoranthene	24.05	252	1555360	39.797 ng	#	97
90) Benzo(a)pyrene	24.86	252	1553983	40.385 ng		97
91) Dibenzo(a,h)anthracene	28.84	278	1513095	40.047 ng		96
92) Benzo(g,h,i)perylene	29.93	276	1502436	39.802 ng		95

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

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