Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
Data File : BG041631.D
Acq On : 11 Jul 2019 23:20
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG071119

Quant Time: Jul 12 05:59:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:39:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	89603	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	393947	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	249256	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	590918	20.00	ng		0.00
76) Chrysene-d12	21.66	240	550854	20.00	ng		0.00
87) Perylene-d12	24.87	264	641106	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	430712	80.66	ng		0.00
7) Phenol-d6	7.20	99	575030	79.49	ng		0.00
23) Nitrobenzene-d5	9.21	82	517403	80.04	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	224067	78.61	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1286273	81.13	ng		0.00
79) Terphenyl-d14	20.02	244	1762472	78.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	97522	40.252	ng	#	82
3) Pyridine	3.90	79	268229	42.715	ng	#	86
4) n-Nitrosodimethylamine	3.81	42	125528	39.255	ng	#	76
6) Aniline	7.37	93	392237	39.567	ng		99
8) 2-Chlorophenol	7.62	128	235506	39.423	ng		97
9) Benzaldehyde	7.19	77	162317	40.331	ng		98
10) Phenol	7.23	94	299370	39.858	ng		82
11) bis(2-Chloroethyl)ether	7.47	93	243174	39.630	ng		96
12) 1,3-Dichlorobenzene	7.94	146	291180	39.921	ng	#	88
13) 1,4-Dichlorobenzene	8.09	146	292926	40.253	ng		95
14) 1,2-Dichlorobenzene	8.41	146	273383	39.504	ng		95
15) Benzyl Alcohol	8.28	79	234799	40.047	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	524601	39.800	ng		88
17) 2-Methylphenol	8.48	107	210368	39.316	ng	#	91
18) Hexachloroethane	9.15	117	107818	39.853	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	207648	39.084	ng		94
20) 3+4-Methylphenols	8.81	107	293410	39.832	ng		89
22) Acetophenone	8.87	105	376921	38.666	ng	#	95
24) Nitrobenzene	9.25	77	265010	39.256	ng	#	87
25) Isophorone	9.78	82	553873	39.348	ng	#	93
26) 2-Nitrophenol	9.97	139	121168	40.770	ng	#	77
27) 2,4-Dimethylphenol	10.02	122	215017	38.397	ng		86
28) bis(2-Chloroethoxy)methane	10.26	93	338363	38.738	ng		98
29) 2,4-Dichlorophenol	10.50	162	251058	38.751	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	291345	38.589	ng		97
31) Naphthalene	10.91	128	751927	39.086	ng		99
32) Benzoic acid	10.15	122	164409	39.959	ng	#	81
33) 4-Chloroaniline	11.01	127	359882	38.923	ng	#	90
34) Hexachlorobutadiene	11.21	225	190856	39.062	ng		96
35) Caprolactam	11.77	113	93683	37.930	ng		93
36) 4-Chloro-3-methylphenol	12.12	107	263039	39.066	ng	#	81
37) 2-Methylnaphthalene	12.52	142	576322	39.211	ng	#	92
38) 1-Methylnaphthalene	12.73	142	544776	39.049	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	333396	39.476	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	199357	38.524	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	220296	39.730	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	224203	39.594	ng		97
46) 1,1'-Biphenyl	13.51	154	733977	39.850	ng		97
47) 2-Chloronaphthalene	13.56	162	604577	39.413	ng		97
48) 2-Nitroaniline	13.74	65	178130	41.957	ng	#	78
49) Acenaphthylene	14.40	152	927528	39.704	ng		98
50) Dimethylphthalate	14.13	163	777768	39.824	ng		100
51) 2,6-Dinitrotoluene	14.24	165	161597	41.478	ng	#	78
52) Acenaphthene	14.74	154	588273	39.281	ng		93
53) 3-Nitroaniline	14.57	138	177932	40.738	ng	#	91
54) 2,4-Dinitrophenol	14.77	184	72232	41.068	ng	#	85
55) Dibenzofuran	15.07	168	892079	39.765	ng		95
56) 4-Nitrophenol	14.85	139	142353	40.964	ng	#	68
57) 2,4-Dinitrotoluene	15.02	165	215065	41.968	ng	#	84
58) Fluorene	15.72	166	723567	39.778	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	216796	40.662	ng		97
60) Diethylphthalate	15.49	149	785707	39.791	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	412429	39.569	ng		99
62) 4-Nitroaniline	15.72	138	187919	40.544	ng	#	68
63) Azobenzene	16.01	77	684709	39.389	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	102503	42.940	ng		98
66) n-Nitrosodiphenylamine	15.92	169	663033	39.156	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	270867	39.121	ng		97
68) Hexachlorobenzene	16.72	284	277243	39.552	ng	#	94
69) Atrazine	16.86	200	208710	41.019	ng		97
70) Pentachlorophenol	17.06	266	173115	39.779	ng		99
71) Phenanthrene	17.46	178	1154363	37.383	ng		97
72) Anthracene	17.54	178	1170746	36.251	ng		97
73) Carbazole	17.80	167	1081100	36.314	ng		97
74) Di-n-butylphthalate	18.38	149	1321773	36.190	ng		97
75) Fluoranthene	19.45	202	1406909	37.842	ng		91
77) Benzidine	19.62	184	594101	35.970	ng		96
78) Pyrene	19.81	202	1414978	39.923	ng		93
80) Butylbenzylphthalate	20.71	149	616421	39.208	ng		96
81) Benzo(a)anthracene	21.65	228	1400798	36.753	ng		95
82) 3,3'-Dichlorobenzidine	21.56	252	571862	38.615	ng	#	98
83) Chrysene	21.71	228	1343207	39.591	ng		94
84) Bis(2-ethylhexyl)phthalate	21.58	149	866303	37.810	ng		96
85) Di-n-octyl phthalate	22.80	149	1518113	38.177	ng	#	94
86) Indeno(1,2,3-cd)pyrene	28.53	276	1727131	39.369	ng	#	94
88) Benzo(b)fluoranthene	23.85	252	1532099	40.253	ng	#	93
89) Benzo(k)fluoranthene	23.93	252	1433428	39.517	ng	#	94
90) Benzo(a)pyrene	24.72	252	1442380	39.543	ng	#	94
91) Dibenzo(a,h)anthracene	28.60	278	1387981	39.185	ng	#	92
92) Benzo(g,h,i)perylene	29.67	276	1384209	39.176	ng	#	90

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

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