Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041503.D
Acq On : 28 Jun 2019 2:34
Operator : HP/JU
Sample : K3552-19MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-10MS

Manual Integrations APPROVED
mohammad
7/1/2019 8:11:04 AM

Quant Time: Jun 28 07:37:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	23810	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	90191	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	67377	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	180411	20.00	ng		0.00
76) Chrysene-d12	21.70	240	194843	20.00	ng		0.00
87) Perylene-d12	24.97	264	209180	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	152140	113.92	ng		0.00
7) Phenol-d6	7.19	99	220796	117.44	ng		0.00
23) Nitrobenzene-d5	9.21	82	155013	71.68	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	125309	108.92	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	361579	68.87	ng		0.00
79) Terphenyl-d14	20.02	244	756738	82.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	15169	25.092	ng		92
3) Pyridine	3.83	79	14851	9.682	ng		92
4) n-Nitrosodimethylamine	3.75	42	25440	29.805	ng	#	94
6) Aniline	7.35	93	37366	15.419	ng		95
8) 2-Chlorophenol	7.59	128	47281	31.568	ng		97
9) Benzaldehyde	7.17	77	37103	32.679	ng		93
10) Phenol	7.21	94	62645	33.062	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	43177	28.735	ng		91
12) 1,3-Dichlorobenzene	7.91	146	54273	28.012	ng		94
13) 1,4-Dichlorobenzene	8.07	146	55751	28.543	ng		99
14) 1,2-Dichlorobenzene	8.38	146	51557	27.569	ng		97
15) Benzyl Alcohol	8.28	79	45010	30.063	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	58623	27.782	ng		96
17) 2-Methylphenol	8.48	107	41247	29.905	ng		98
18) Hexachloroethane	9.11	117	21995	28.540	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	39318	28.038	ng		97
20) 3+4-Methylphenols	8.81	107	58659	31.909	ng		100
22) Acetophenone	8.86	105	82685	30.563	ng	#	97
24) Nitrobenzene	9.25	77	66835	30.791	ng		97
25) Isophorone	9.77	82	114982	29.615	ng		100
26) 2-Nitrophenol	9.97	139	28458	31.393	ng		96
27) 2,4-Dimethylphenol	10.02	122	45634	36.170	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	60064	29.256	ng		98
29) 2,4-Dichlorophenol	10.50	162	54538	32.004	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	64257	29.420	ng		95
31) Naphthalene	10.90	128	156577	31.392	ng		98
32) Benzoic acid	10.18	122	3834m	9.946	ng		
33) 4-Chloroaniline	11.03	127	38972	18.562	ng		93
34) Hexachlorobutadiene	11.16	225	49927	28.797	ng		96
35) Caprolactam	11.81	113	15326	28.803	ng		90
36) 4-Chloro-3-methylphenol	12.14	107	59207	32.066	ng		96
37) 2-Methylnaphthalene	12.51	142	116837	31.707	ng		99
38) 1-Methylnaphthalene	12.72	142	109709	31.207	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	90991	30.669	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	71496	46.038	ng		94
43) 2,4,6-Trichlorophenol	13.11	196	53884	30.612	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	57077	32.547	ng		94
46) 1,1'-Biphenyl	13.51	154	162175	30.492	ng		99
47) 2-Chloronaphthalene	13.56	162	137809	30.180	ng		99
48) 2-Nitroaniline	13.77	65	44175	28.539	ng		92
49) Acenaphthylene	14.40	152	215734	31.609	ng		99
50) Dimethylphthalate	14.12	163	265251	43.261	ng		98
51) 2,6-Dinitrotoluene	14.26	165	39954	30.706	ng		98
52) Acenaphthene	14.74	154	124934	30.868	ng		98
53) 3-Nitroaniline	14.60	138	30313	24.403	ng		98
54) 2,4-Dinitrophenol	14.82	184	9095	17.452	ng	#	85
55) Dibenzofuran	15.07	168	228075	32.370	ng		98
56) 4-Nitrophenol	14.90	139	50653	63.186	ng		94
57) 2,4-Dinitrotoluene	15.05	165	55758	29.538	ng		96
58) Fluorene	15.72	166	178696	31.879	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	61524	33.279	ng		98
60) Diethylphthalate	15.47	149	187324	29.847	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	109827	30.376	ng		95
62) 4-Nitroaniline	15.76	138	35677	29.470	ng		94
63) Azobenzene	16.00	77	164498	31.087	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	19847	17.763	ng		91
66) n-Nitrosodiphenylamine	15.93	169	154721	31.160	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	75651	30.685	ng		94
68) Hexachlorobenzene	16.71	284	80613	30.348	ng		99
69) Atrazine	16.87	200	69732	33.178	ng		97
70) Pentachlorophenol	17.07	266	68874	57.223	ng		93
71) Phenanthrene	17.47	178	315406	31.731	ng		99
72) Anthracene	17.56	178	319161	32.091	ng		99
73) Carbazole	17.84	167	274339	32.448	ng		99
74) Di-n-butylphthalate	18.36	149	318976	30.017	ng		98
75) Fluoranthene	19.48	202	416840	31.454	ng		100
77) Benzidine	19.67	184	25333	5.860	ng		95
78) Pyrene	19.83	202	424686	31.928	ng		99
80) Butylbenzylphthalate	20.70	149	145958	29.382	ng		97
81) Benzo(a)anthracene	21.67	228	416736	30.764	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	110906	23.644	ng		95
83) Chrysene	21.74	228	405589	30.933	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	209315	29.722	ng		97
85) Di-n-octyl phthalate	22.76	149	357536	30.001	ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	479798	30.219	ng		100
88) Benzo(b)fluoranthene	23.92	252	406240	30.448	ng		99
89) Benzo(k)fluoranthene	23.99	252	417035	31.837	ng		96
90) Benzo(a)pyrene	24.82	252	401336	31.672	ng		98
91) Dibenzo(a,h)anthracene	28.81	278	393053	30.962	ng		98
92) Benzo(g,h,i)perylene	29.93	276	390551	30.942	ng		99

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

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