Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\
Data File : BG043346.D
Acq On : 25 Oct 2019 19:18
Operator : JU
Sample : K5514-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-WATERMS

Manual Integrations APPROVED
mohammad
10/26/2019 10:00:57 AM

Quant Time: Oct 25 23:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41262	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	155858	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	120427	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	280152	20.00	ng		0.00
76) Chrysene-d12	21.67	240	305698	20.00	ng		0.00
87) Perylene-d12	24.86	264	363227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	309743	137.56	ng		0.00
7) Phenol-d6	7.22	99	456453	140.89	ng		0.02
23) Nitrobenzene-d5	9.19	82	273164	90.36	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	325910	142.21	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	785950	90.18	ng		0.00
79) Terphenyl-d14	20.01	244	1543815	94.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	30982	35.308	ng	#	89
3) Pyridine	3.89	79	50051	22.612	ng		97
4) n-Nitrosodimethylamine	3.80	42	51884	46.452	ng		82
6) Aniline	7.35	93	92762	24.856	ng		97
8) 2-Chlorophenol	7.60	128	120879	48.630	ng		92
9) Benzaldehyde	7.17	77	54288	34.098	ng		96
10) Phenol	7.24	94	156304	52.797	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	97405	42.556	ng		97
12) 1,3-Dichlorobenzene	7.91	146	125102	40.170	ng		94
13) 1,4-Dichlorobenzene	8.06	146	127993	40.621	ng		97
14) 1,2-Dichlorobenzene	8.38	146	125443	40.774	ng		95
15) Benzyl Alcohol	8.27	79	112312	49.362	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	138512	41.618	ng		99
17) 2-Methylphenol	8.49	107	104996	48.651	ng		92
18) Hexachloroethane	9.10	117	45165	39.729	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	94033	44.918	ng		96
20) 3+4-Methylphenols	8.82	107	147145	49.722	ng		88
22) Acetophenone	8.85	105	181441	45.458	ng	#	99
24) Nitrobenzene	9.23	77	138194	47.986	ng		98
25) Isophorone	9.75	82	274448	49.654	ng		99
26) 2-Nitrophenol	9.94	139	72829	52.381	ng		96
27) 2,4-Dimethylphenol	10.02	122	120990	60.714	ng		100
28) bis(2-Chloroethoxy)methane	10.23	93	141768	46.473	ng		96
29) 2,4-Dichlorophenol	10.49	162	142042	55.631	ng		91
30) 1,2,4-Trichlorobenzene	10.69	180	145082	45.083	ng		99
31) Naphthalene	10.88	128	381810	48.262	ng		99
32) Benzoic acid	10.18	122	60599	41.367	ng		95
33) 4-Chloroaniline	11.00	127	49201	15.172	ng	#	92
34) Hexachlorobutadiene	11.17	225	101806	42.796	ng		93
35) Caprolactam	11.79	113	46276m	52.624	ng		
36) 4-Chloro-3-methylphenol	12.14	107	156278	56.112	ng		97
37) 2-Methylnaphthalene	12.48	142	301774	49.714	ng		96
38) 1-Methylnaphthalene	12.70	142	287612	49.798	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	194630	43.670	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	191525	81.806	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	137994	52.576	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	147375	55.540	ng		98
46) 1,1'-Biphenyl	13.49	154	413781	45.166	ng		100
47) 2-Chloronaphthalene	13.53	162	320595	45.992	ng		99
48) 2-Nitroaniline	13.74	65	102303	49.104	ng		96
49) Acenaphthylene	14.37	152	523494	48.254	ng		100
50) Dimethylphthalate	14.11	163	506304	54.278	ng		99
51) 2,6-Dinitrotoluene	14.23	165	102728	50.693	ng		94
52) Acenaphthene	14.72	154	316778	47.881	ng		98
53) 3-Nitroaniline	14.56	138	58159	29.726	ng		93
54) 2,4-Dinitrophenol	14.77	184	63766	53.086	ng		95
55) Dibenzofuran	15.05	168	527575	49.173	ng		98
56) 4-Nitrophenol	14.90	139	155842	118.862	ng		90
57) 2,4-Dinitrotoluene	15.02	165	145909	50.382	ng	#	99
58) Fluorene	15.70	166	453694	50.419	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.29	232	159449	56.558	ng	#	99
60) Diethylphthalate	15.47	149	458257	48.894	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	261978	49.905	ng		98
62) 4-Nitroaniline	15.73	138	94786	46.910	ng		89
63) Azobenzene	15.98	77	386766	50.988	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	64553	39.154	ng		96
66) n-Nitrosodiphenylamine	15.91	169	407083	51.468	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	187136	49.635	ng		97
68) Hexachlorobenzene	16.71	284	209343	48.372	ng		97
69) Atrazine	16.85	200	163502	59.491	ng		93
70) Pentachlorophenol	17.05	266	233062	118.186	ng		96
71) Phenanthrene	17.44	178	730423	50.915	ng		99
72) Anthracene	17.53	178	762585	53.130	ng		98
73) Carbazole	17.81	167	675912	52.001	ng		100
74) Di-n-butylphthalate	18.35	149	788404	49.990	ng		100
75) Fluoranthene	19.45	202	954194	51.019	ng		98
77) Benzidine	19.63	184	92342	15.009	ng		98
78) Pyrene	19.81	202	963760	50.932	ng		98
80) Butylbenzylphthalate	20.69	149	368122	51.350	ng		99
81) Benzo(a)anthracene	21.65	228	997101	52.071	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	264144	35.665	ng		100
83) Chrysene	21.71	228	968529	50.906	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	531192	52.162	ng		99
85) Di-n-octyl phthalate	22.75	149	911068	52.733	ng		100
86) Indeno(1,2,3-cd)pyrene	28.52	276	1273861	53.340	ng		98
88) Benzo(b)fluoranthene	23.85	252	1081138	52.554	ng		98
89) Benzo(k)fluoranthene	23.92	252	1047898	50.599	ng		99
90) Benzo(a)pyrene	24.72	252	983889	50.084	ng		100
91) Dibenzo(a,h)anthracene	28.58	278	1075405	53.519	ng		98
92) Benzo(g,h,i)perylene	29.66	276	1081540	54.567	ng		99

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

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