Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042483.D
Acq On : 25 Aug 2019 18:20
Operator : HP/JU
Sample : K4510-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-43-COMPMSD

Manual Integrations APPROVED
mohammad
8/29/2019 7:57:49 AM

Quant Time: Aug 26 08:26:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45349	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	177570	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	136354	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	347510	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	359803	20.00	ng		0.00
87) Perylene-d12	24.93	264	429101	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	361848	161.60	ng		0.00
7) Phenol-d6	7.17	99	500855	165.60	ng		0.00
23) Nitrobenzene-d5	9.17	82	281807	109.67	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	311525	160.74	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	797505	98.92	ng		0.00
79) Terphenyl-d14	20.02	244	1481588	89.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	34348	36.758	ng		98
3) Pyridine	3.82	79	90088	37.598	ng		97
4) n-Nitrosodimethylamine	3.73	42	34766	40.624	ng		99
6) Aniline	7.31	93	103213	25.585	ng		100
8) 2-Chlorophenol	7.57	128	125045	46.080	ng		97
9) Benzaldehyde	7.13	77	42050	27.770	ng		98
10) Phenol	7.20	94	157150	51.102	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	102818	42.572	ng		99
12) 1,3-Dichlorobenzene	7.89	146	135058	39.123	ng		100
13) 1,4-Dichlorobenzene	8.04	146	137736	39.390	ng		98
14) 1,2-Dichlorobenzene	8.35	146	132036	39.429	ng		97
15) Benzyl Alcohol	8.24	79	95582	43.925	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	136650	41.745	ng		99
17) 2-Methylphenol	8.45	107	104230	46.017	ng		93
18) Hexachloroethane	9.09	117	47264	39.482	ng		99
19) n-Nitroso-di-n-propylamine	8.81	70	82254	41.977	ng		94
20) 3+4-Methylphenols	8.78	107	143594	45.814	ng		100
22) Acetophenone	8.82	105	174719	46.004	ng	#	99
24) Nitrobenzene	9.21	77	118715	45.623	ng		99
25) Isophorone	9.74	82	232128	45.774	ng		98
26) 2-Nitrophenol	9.92	139	76587	46.967	ng		98
27) 2,4-Dimethylphenol	9.99	122	120632	53.705	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	146643	45.880	ng		98
29) 2,4-Dichlorophenol	10.48	162	144465	49.157	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	151128	41.896	ng		100
31) Naphthalene	10.87	128	377439	45.783	ng		99
32) Benzoic acid	10.13	122	54871	36.100	ng		96
33) 4-Chloroaniline	10.98	127	73635	19.348	ng		99
34) Hexachlorobutadiene	11.16	225	97275	40.125	ng		98
35) Caprolactam	11.76	113	57212m	58.342	ng		
36) 4-Chloro-3-methylphenol	12.11	107	142116	50.941	ng		99
37) 2-Methylnaphthalene	12.48	142	306958	46.371	ng		99
38) 1-Methylnaphthalene	12.70	142	287752	45.763	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	186565	42.606	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	189243	82.275	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	135715	45.853	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	151781	49.485	ng		95
46) 1,1'-Biphenyl	13.49	154	400088	45.392	ng		99
47) 2-Chloronaphthalene	13.54	162	328415	43.212	ng		99
48) 2-Nitroaniline	13.74	65	86480	47.187	ng		95
49) Acenaphthylene	14.38	152	533180	46.631	ng		99
50) Dimethylphthalate	14.11	163	530553	53.927	ng		100
51) 2,6-Dinitrotoluene	14.23	165	109667	48.090	ng		95
52) Acenaphthene	14.72	154	313382	45.137	ng		100
53) 3-Nitroaniline	14.56	138	66501	29.158	ng		99
54) 2,4-Dinitrophenol	14.78	184	119290	77.787	ng		97
55) Dibenzofuran	15.06	168	538304	46.840	ng		98
56) 4-Nitrophenol	14.89	139	206442	127.386	ng		96
57) 2,4-Dinitrotoluene	15.02	165	157479	48.224	ng		94
58) Fluorene	15.71	166	445779	47.451	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	157133m	51.804	ng		
60) Diethylphthalate	15.48	149	456606	47.476	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	251887	44.479	ng		99
62) 4-Nitroaniline	15.73	138	121509	49.780	ng		97
63) Azobenzene	15.99	77	328261	49.810	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	100610	46.178	ng		94
66) n-Nitrosodiphenylamine	15.92	169	428040	44.789	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	183865	41.712	ng		98
68) Hexachlorobenzene	16.72	284	187788	39.190	ng		94
69) Atrazine	16.87	200	175681	51.983	ng		98
70) Pentachlorophenol	17.07	266	233999	93.986	ng		98
71) Phenanthrene	17.46	178	796056	46.118	ng		99
72) Anthracene	17.54	178	817316	47.430	ng		99
73) Carbazole	17.81	167	745255	48.526	ng		99
74) Di-n-butylphthalate	18.37	149	875712	48.237	ng		99
75) Fluoranthene	19.46	202	1023181	48.570	ng		99
77) Benzidine	19.64	184	372627	36.122	ng		99
78) Pyrene	19.83	202	1015088	46.016	ng		99
80) Butylbenzylphthalate	20.71	149	402304	46.368	ng		99
81) Benzo(a)anthracene	21.67	228	986967	45.093	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	239781	27.239	ng		99
83) Chrysene	21.74	228	962880	45.616	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	575667	47.786	ng		99
85) Di-n-octyl phthalate	22.79	149	983737	47.479	ng		100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1280364	44.634	ng	#	94
88) Benzo(b)fluoranthene	23.90	252	1088293	46.133	ng		99
89) Benzo(k)fluoranthene	23.97	252	1062326	46.849	ng		99
90) Benzo(a)pyrene	24.78	252	1075060	48.025	ng		100
91) Dibenzo(a,h)anthracene	28.70	278	1052236	46.425	ng		98
92) Benzo(g,h,i)perylene	29.80	276	1065683	47.011	ng		98

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

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