Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042482.D
Acq On : 25 Aug 2019 17:42
Operator : HP/JU
Sample : K4510-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 26 08:07:45 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

Instrument : BNA_G
ClientSampleId : SB-43-COMPMS

Manual Integrations APPROVED
mohammad
8/29/2019 7:57:47 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	42869	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	173001	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	130714	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	334328	20.00	ng		0.00
76) Chrysene-d12	21.69	240	354278	20.00	ng		0.00
87) Perylene-d12	24.93	264	421123	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	336743	159.09	ng		0.00
7) Phenol-d6	7.16	99	468839	163.98	ng		0.00
23) Nitrobenzene-d5	9.17	82	261247	104.35	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	286039	153.96	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	716723	92.74	ng		0.00
79) Terphenyl-d14	20.03	244	1376064	83.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	32180	36.430	ng		96
3) Pyridine	3.82	79	84012	37.090	ng		98
4) n-Nitrosodimethylamine	3.73	42	34070	42.114	ng	#	80
6) Aniline	7.32	93	93858	24.612	ng		98
8) 2-Chlorophenol	7.56	128	115347	44.965	ng		96
9) Benzaldehyde	7.13	77	39928	27.894	ng		96
10) Phenol	7.19	94	141013	48.507	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	96470	42.255	ng		99
12) 1,3-Dichlorobenzene	7.89	146	127291	39.006	ng		99
13) 1,4-Dichlorobenzene	8.03	146	130274	39.411	ng		97
14) 1,2-Dichlorobenzene	8.36	146	123771	39.099	ng		99
15) Benzyl Alcohol	8.24	79	87580	42.576	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	126642	40.926	ng		98
17) 2-Methylphenol	8.45	107	96136	44.898	ng		97
18) Hexachloroethane	9.09	117	44307	39.153	ng		99
19) n-Nitroso-di-n-propylamine	8.81	70	78099	42.163	ng		99
20) 3+4-Methylphenols	8.79	107	130887	44.176	ng		99
22) Acetophenone	8.83	105	159776	43.180	ng	#	98
24) Nitrobenzene	9.21	77	111114	43.830	ng		98
25) Isophorone	9.74	82	213028	43.117	ng		98
26) 2-Nitrophenol	9.93	139	70074	44.108	ng		97
27) 2,4-Dimethylphenol	9.99	122	111432	50.919	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	136457	43.820	ng		99
29) 2,4-Dichlorophenol	10.47	162	133591	46.658	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	140297	39.920	ng		100
31) Naphthalene	10.87	128	350574	43.647	ng		99
32) Benzoic acid	10.12	122	37907	27.975	ng		96
33) 4-Chloroaniline	10.98	127	76402	20.606	ng		98
34) Hexachlorobutadiene	11.17	225	89318	37.816	ng		99
35) Caprolactam	11.75	113	54078m	56.603	ng		
36) 4-Chloro-3-methylphenol	12.12	107	129895	47.790	ng		97
37) 2-Methylnaphthalene	12.48	142	281557	43.657	ng		99
38) 1-Methylnaphthalene	12.70	142	265541	43.346	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	171935	40.959	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	174167	78.987	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	124860	44.006	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	137030	46.604	ng		98
46) 1,1'-Biphenyl	13.49	154	367701	43.518	ng		99
47) 2-Chloronaphthalene	13.53	162	307303	42.179	ng		99
48) 2-Nitroaniline	13.73	65	78841	44.875	ng		97
49) Acenaphthylene	14.38	152	492130	44.898	ng		99
50) Dimethylphthalate	14.11	163	482766	51.187	ng		100
51) 2,6-Dinitrotoluene	14.23	165	99699	45.605	ng		96
52) Acenaphthene	14.73	154	289005	43.422	ng		99
53) 3-Nitroaniline	14.56	138	61719	28.229	ng		98
54) 2,4-Dinitrophenol	14.78	184	97843	67.459	ng		95
55) Dibenzofuran	15.06	168	497817	45.186	ng		99
56) 4-Nitrophenol	14.89	139	190138	122.388	ng		99
57) 2,4-Dinitrotoluene	15.03	165	145987	46.633	ng		98
58) Fluorene	15.71	166	413995	45.969	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	146786m	50.481	ng		
60) Diethylphthalate	15.47	149	420569	45.616	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	235078	43.301	ng		99
62) 4-Nitroaniline	15.73	138	114958	49.128	ng		99
63) Azobenzene	16.00	77	304915	48.264	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91491	43.648	ng		98
66) n-Nitrosodiphenylamine	15.91	169	398217	43.311	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	167495	39.497	ng		99
68) Hexachlorobenzene	16.72	284	172698	37.462	ng		96
69) Atrazine	16.86	200	164085	50.466	ng		96
70) Pentachlorophenol	17.07	266	206908	86.382	ng		99
71) Phenanthrene	17.45	178	746682	44.963	ng		99
72) Anthracene	17.55	178	761192	45.915	ng		99
73) Carbazole	17.82	167	705918	47.777	ng		100
74) Di-n-butylphthalate	18.37	149	816202	46.731	ng		100
75) Fluoranthene	19.47	202	969957	47.859	ng		99
77) Benzidine	19.64	184	282483	27.811	ng		98
78) Pyrene	19.83	202	972624	44.779	ng		99
80) Butylbenzylphthalate	20.71	149	386441	45.234	ng		99
81) Benzo(a)anthracene	21.67	228	934897	43.380	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	239216	27.599	ng		98
83) Chrysene	21.74	228	926710	44.587	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	547838	46.185	ng		100
85) Di-n-octyl phthalate	22.79	149	934649	45.813	ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1209078	42.806	ng	#	94
88) Benzo(b)fluoranthene	23.90	252	1045322	45.151	ng		99
89) Benzo(k)fluoranthene	23.97	252	994739	44.700	ng		100
90) Benzo(a)pyrene	24.78	252	1016944	46.290	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	1000530	44.980	ng		98
92) Benzo(g,h,i)perylene	29.80	276	1011655	45.473	ng		98

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

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