Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
Data File : BG042859.D
Acq On : 16 Sep 2019 21:45
Operator : HP/JU
Sample : K4851-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3C-(9-10)MS

Manual Integrations APPROVED
mohammad
9/17/2019 1:26:44 PM

Quant Time: Sep 17 04:25:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	107046	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	416793	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	284571	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	655785	20.00	ng		0.00
76) Chrysene-d12	21.76	240	629926	20.00	ng		0.00
87) Perylene-d12	25.03	264	696009	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	580321	94.25	ng		0.00
7) Phenol-d6	7.27	99	887629	100.44	ng		0.00
23) Nitrobenzene-d5	9.28	82	553160	69.10	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	341648	90.24	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	1152940	64.13	ng		0.00
79) Terphenyl-d14	20.08	244	1766044	62.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	82896	29.500	ng		98
3) Pyridine	3.98	79	219325	25.923	ng		96
4) n-Nitrosodimethylamine	3.89	42	127515	30.974	ng	#	90
6) Aniline	7.44	93	216218	18.134	ng		99
8) 2-Chlorophenol	7.68	128	250302	37.608	ng		99
9) Benzaldehyde	7.25	77	178678	31.069	ng		94
10) Phenol	7.30	94	376191	41.507	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	240875	34.630	ng		95
12) 1,3-Dichlorobenzene	8.01	146	271251	33.414	ng		98
13) 1,4-Dichlorobenzene	8.15	146	280707	34.539	ng		97
14) 1,2-Dichlorobenzene	8.48	146	258991	33.477	ng		98
15) Benzyl Alcohol	8.35	79	264973	34.937	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.64	45	472851	30.956	ng		96
17) 2-Methylphenol	8.55	107	222741	36.735	ng		97
18) Hexachloroethane	9.21	117	100905	33.629	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	219449	33.699	ng		90
20) 3+4-Methylphenols	8.88	107	307188	36.752	ng		97
22) Acetophenone	8.94	105	380966	36.192	ng		97
24) Nitrobenzene	9.32	77	313184	37.270	ng		96
25) Isophorone	9.84	82	583364	34.959	ng		100
26) 2-Nitrophenol	10.03	139	137225	41.529	ng		97
27) 2,4-Dimethylphenol	10.09	122	236251	40.419	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	330228	35.486	ng		98
29) 2,4-Dichlorophenol	10.57	162	260921	38.414	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	291532	35.155	ng		95
31) Naphthalene	10.97	128	755695	36.723	ng		99
32) Benzoic acid	10.21	122	171480	37.729	ng		99
33) 4-Chloroaniline	11.07	127	141509	14.712	ng		97
34) Hexachlorobutadiene	11.27	225	196057	33.743	ng		95
35) Caprolactam	11.84	113	95961m	37.992	ng		
36) 4-Chloro-3-methylphenol	12.18	107	290304	39.363	ng		95
37) 2-Methylnaphthalene	12.57	142	571715	37.088	ng		96
38) 1-Methylnaphthalene	12.79	142	535518	37.040	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	348351	37.045	ng		98

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Quant Time: Sep 17 04:25:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	313622	58.218	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	245880	39.275	ng		94
44) 2,4,5-Trichlorophenol	13.24	196	259426	40.456	ng		96
46) 1,1'-Biphenyl	13.57	154	757944	38.046	ng		99
47) 2-Chloronaphthalene	13.62	162	596567	36.200	ng		98
48) 2-Nitroaniline	13.81	65	216461	37.864	ng		96
49) Acenaphthylene	14.46	152	954284	37.893	ng		99
50) Dimethylphthalate	14.19	163	887593	41.636	ng		100
51) 2,6-Dinitrotoluene	14.30	165	171540	39.216	ng		95
52) Acenaphthene	14.80	154	629482	38.260	ng		99
53) 3-Nitroaniline	14.62	138	116011	23.631	ng		99
54) 2,4-Dinitrophenol	14.83	184	119126	55.321	ng	#	78
55) Dibenzofuran	15.13	168	910340	37.225	ng		99
56) 4-Nitrophenol	14.93	139	301335	79.386	ng		96
57) 2,4-Dinitrotoluene	15.08	165	236640	40.587	ng	#	97
58) Fluorene	15.78	166	747856	36.900	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	246535	39.660	ng		99
60) Diethylphthalate	15.55	149	744409	34.401	ng		97
61) 4-Chlorophenyl-phenylether	15.77	204	426382	35.581	ng		97
62) 4-Nitroaniline	15.79	138	180354	34.082	ng		94
63) Azobenzene	16.06	77	755919	36.276	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	103425	36.859	ng		97
66) n-Nitrosodiphenylamine	15.99	169	673831	38.185	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	289634	36.490	ng		97
68) Hexachlorobenzene	16.79	284	299950	35.366	ng		98
69) Atrazine	16.93	200	258231	42.022	ng		99
70) Pentachlorophenol	17.13	266	397884	79.080	ng		96
71) Phenanthrene	17.52	178	1169002	37.274	ng		99
72) Anthracene	17.61	178	1182366	37.736	ng		99
73) Carbazole	17.87	167	1109576	37.259	ng		98
74) Di-n-butylphthalate	18.44	149	1268137	35.548	ng		99
75) Fluoranthene	19.52	202	1479944	36.410	ng		98
77) Benzidine	19.69	184	547855	31.129	ng		99
78) Pyrene	19.89	202	1482580	37.593	ng		99
80) Butylbenzylphthalate	20.77	149	588781	36.889	ng		98
81) Benzo(a)anthracene	21.74	228	1453781	36.298	ng		96
82) 3,3'-Dichlorobenzidine	21.65	252	388857	24.983	ng		99
83) Chrysene	21.81	228	1394765	36.764	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	808978	37.095	ng	#	99
85) Di-n-octyl phthalate	22.89	149	1393708	37.488	ng		98
86) Indeno(1,2,3-cd)pyrene	28.78	276	1753641	37.326	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1529250	37.419	ng		100
89) Benzo(k)fluoranthene	24.07	252	1445625	37.447	ng		99
90) Benzo(a)pyrene	24.88	252	1478184	38.628	ng		98
91) Dibenzo(a,h)anthracene	28.84	278	1456357	38.694	ng		100
92) Benzo(g,h,i)perylene	29.94	276	1431822	39.002	ng		98

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

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