Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042557.D
Acq On : 29 Aug 2019 9:49
Operator : HP/JU
Sample : PB122640BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122640BS

Manual Integrations APPROVED
Jagrut
8/30/2019 7:57:28 PM

Quant Time: Aug 29 12:25:51 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	32747	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	132353	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	96984	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	229909	20.00	ng	0.00
76) Chrysene-d12	21.69	240	263014	20.00	ng	0.00
87) Perylene-d12	24.93	264	299407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	186554	115.38	ng	0.00
7) Phenol-d6	7.17	99	231316	105.91	ng	0.00
23) Nitrobenzene-d5	9.17	82	124350	64.93	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	149599	108.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	395963	69.05	ng	0.00
79) Terphenyl-d14	20.02	244	812971	66.82	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	25220	37.376	ng	# 95
3) Pyridine	3.82	79	53719	31.047	ng	97
4) n-Nitrosodimethylamine	3.74	42	26824	43.406	ng	97
6) Aniline	7.32	93	85398	29.315	ng	98
8) 2-Chlorophenol	7.57	128	84519	43.131	ng	98
9) Benzaldehyde	7.13	77	48481	44.338	ng	100
10) Phenol	7.20	94	92110	41.479	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	65592	37.610	ng	99
12) 1,3-Dichlorobenzene	7.89	146	96799	38.831	ng	97
13) 1,4-Dichlorobenzene	8.04	146	99239	39.302	ng	97
14) 1,2-Dichlorobenzene	8.36	146	94656	39.145	ng	99
15) Benzyl Alcohol	8.24	79	62229	39.603	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83113	35.161	ng	97
17) 2-Methylphenol	8.45	107	67003	40.965	ng	94
18) Hexachloroethane	9.10	117	32813	37.959	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	50738	35.858	ng	92
20) 3+4-Methylphenols	8.78	107	88873	39.267	ng	98
22) Acetophenone	8.83	105	113784	40.195	ng	# 97
24) Nitrobenzene	9.21	77	77087	39.746	ng	98
25) Isophorone	9.74	82	141967	37.559	ng	99
26) 2-Nitrophenol	9.93	139	49467	40.700	ng	93
27) 2,4-Dimethylphenol	9.99	122	77005	45.994	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	88843	37.292	ng	99
29) 2,4-Dichlorophenol	10.48	162	93936	42.884	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	107013	39.801	ng	99
31) Naphthalene	10.88	128	247372	40.257	ng	99
32) Benzoic acid	10.14	122	34584	31.788	ng	94
33) 4-Chloroaniline	10.99	127	65864	23.219	ng	97
34) Hexachlorobutadiene	11.16	225	71102	39.349	ng	99
35) Caprolactam	11.75	113	26158m	35.788	ng	
36) 4-Chloro-3-methylphenol	12.12	107	83669	40.237	ng	94
37) 2-Methylnaphthalene	12.49	142	197684	40.066	ng	99
38) 1-Methylnaphthalene	12.70	142	186604	39.816	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	133040	42.716	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	149512	91.388	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	85939	40.822	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	92848	42.560	ng		97
46) 1,1'-Biphenyl	13.49	154	258099	41.170	ng		98
47) 2-Chloronaphthalene	13.54	162	212817	39.369	ng		98
48) 2-Nitroaniline	13.74	65	46692	35.820	ng		96
49) Acenaphthylene	14.38	152	336596	41.389	ng		99
50) Dimethylphthalate	14.11	163	272092	38.883	ng		100
51) 2,6-Dinitrotoluene	14.23	165	65374	40.304	ng		99
52) Acenaphthene	14.72	154	193414	39.166	ng		99
53) 3-Nitroaniline	14.57	138	44000	27.124	ng		96
54) 2,4-Dinitrophenol	14.78	184	73475	68.201	ng		95
55) Dibenzofuran	15.06	168	338790	41.446	ng		99
56) 4-Nitrophenol	14.89	139	91808	79.647	ng		97
57) 2,4-Dinitrotoluene	15.02	165	93149	40.104	ng		97
58) Fluorene	15.71	166	272127	40.726	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91057	42.206	ng	#	93
60) Diethylphthalate	15.48	149	267787	39.146	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	162392	40.316	ng		99
62) 4-Nitroaniline	15.73	138	66359	38.222	ng		98
63) Azobenzene	15.99	77	182623	38.960	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	61969	42.991	ng		94
66) n-Nitrosodiphenylamine	15.92	169	253395	40.077	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	114451	39.246	ng		99
68) Hexachlorobenzene	16.72	284	119697	37.757	ng		98
69) Atrazine	16.86	200	97580	43.643	ng		97
70) Pentachlorophenol	17.07	266	132449	80.410	ng		98
71) Phenanthrene	17.46	178	469966	41.153	ng		98
72) Anthracene	17.55	178	478200	41.945	ng		99
73) Carbazole	17.81	167	426428	41.969	ng		99
74) Di-n-butylphthalate	18.37	149	495455	41.251	ng		100
75) Fluoranthene	19.47	202	641236	46.009	ng		97
77) Benzidine	19.64	184	302942	40.174	ng		99
78) Pyrene	19.83	202	648109	40.192	ng		98
80) Butylbenzylphthalate	20.71	149	241166	38.024	ng		98
81) Benzo(a)anthracene	21.67	228	650234	40.641	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	198991	30.924	ng		98
83) Chrysene	21.73	228	634942	41.149	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	345019	39.180	ng		97
85) Di-n-octyl phthalate	22.79	149	599576	39.587	ng		98
86) Indeno(1,2,3-cd)pyrene	28.64	276	829674	39.566	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	722280	43.880	ng		99
89) Benzo(k)fluoranthene	23.97	252	693212	43.814	ng		99
90) Benzo(a)pyrene	24.78	252	704772	45.122	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	686571	43.413	ng		97
92) Benzo(g,h,i)perylene	29.80	276	694152	43.886	ng		97

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

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