Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
Data File : BP000111.D
Acq On : 09 Sep 2019 00:18
Operator : HP/JU
Sample : K4696-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMS

Manual Integrations APPROVED
mohammad
9/10/2019 2:09:35 PM

Quant Time: Sep 09 07:25:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	407421	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1536330	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	827549	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1522668	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1274913	20.00	ng		-0.01
87) Perylene-d12	15.62	264	1420063	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2565951	100.43	ng		0.00
7) Phenol-d6	6.52	99	3347239	103.78	ng		0.00
23) Nitrobenzene-d5	7.45	82	1780900	71.13	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	809953	116.12	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3579527	72.23	ng		0.00
79) Terphenyl-d14	13.03	244	4259492	72.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	424058	36.083	ng		96
3) Pyridine	3.49	79	1083636	34.224	ng		97
4) n-Nitrosodimethylamine	3.42	42	359806	35.192	ng		89
6) Aniline	6.55	93	1574885	33.738	ng		97
8) 2-Chlorophenol	6.68	128	1186151	44.899	ng		98
9) Benzaldehyde	6.44	77	727841	36.594	ng		97
10) Phenol	6.53	94	1585086	44.232	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	1150121	40.628	ng		98
12) 1,3-Dichlorobenzene	6.83	146	1281551	41.588	ng		98
13) 1,4-Dichlorobenzene	6.91	146	1281087	41.750	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1210364	42.931	ng		98
15) Benzyl Alcohol	7.03	79	962641	40.707	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1083649	35.597	ng		97
17) 2-Methylphenol	7.13	107	973349	42.899	ng		99
18) Hexachloroethane	7.41	117	459417	40.368	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	703412	38.320	ng		96
20) 3+4-Methylphenols	7.29	107	1244645	43.984	ng	#	85
22) Acetophenone	7.29	105	1626771	44.207	ng		99
24) Nitrobenzene	7.47	77	1149239	42.369	ng		90
25) Isophorone	7.70	82	2187531	41.349	ng		99
26) 2-Nitrophenol	7.79	139	549107	51.983	ng		96
27) 2,4-Dimethylphenol	7.82	122	1067529	50.082	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	1428116	41.514	ng		97
29) 2,4-Dichlorophenol	8.02	162	1013558	46.243	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	1090047	43.624	ng		99
31) Naphthalene	8.20	128	3294064	46.732	ng		100
32) Benzoic acid	7.92	122	650286	45.968	ng		97
33) 4-Chloroaniline	8.23	127	907780	27.306	ng		97
34) Hexachlorobutadiene	8.32	225	615566	43.721	ng		99
35) Caprolactam	8.59	113	349640m	44.856	ng		
36) 4-Chloro-3-methylphenol	8.72	107	1058961	44.281	ng		93
37) 2-Methylnaphthalene	8.89	142	2278526	46.255	ng		99
38) 1-Methylnaphthalene	8.99	142	2115298	45.575	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1064323	45.438	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1219596	94.562	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	711505	44.047	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	783646	46.367	ng		97
46) 1,1'-Biphenyl	9.36	154	2702693	46.262	ng		98
47) 2-Chloronaphthalene	9.38	162	2104478	43.395	ng		98
48) 2-Nitroaniline	9.47	65	544848	41.594	ng	#	74
49) Acenaphthylene	9.80	152	3358970	46.679	ng		100
50) Dimethylphthalate	9.65	163	2878014	51.035	ng		99
51) 2,6-Dinitrotoluene	9.71	165	574562	48.001	ng		96
52) Acenaphthene	9.97	154	2205727	48.850	ng		99
53) 3-Nitroaniline	9.87	138	465871	32.579	ng		96
54) 2,4-Dinitrophenol	9.98	184	443982	96.898	ng	#	60
55) Dibenzofuran	10.15	168	3014406	47.013	ng		100
56) 4-Nitrophenol	10.03	139	1000627	97.900	ng		90
57) 2,4-Dinitrotoluene	10.12	165	758285	49.621	ng	#	84
58) Fluorene	10.49	166	2286936	47.392	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	635122	49.631	ng		96
60) Diethylphthalate	10.36	149	2478483	43.908	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	1178204	46.975	ng		98
62) 4-Nitroaniline	10.50	138	628890	46.108	ng		94
63) Azobenzene	10.64	77	2282608	42.228	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	305842	51.518	ng		80
66) n-Nitrosodiphenylamine	10.60	169	2102016	46.466	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	734911	47.492	ng		97
68) Hexachlorobenzene	11.05	284	758410	44.981	ng		99
69) Atrazine	11.13	200	653429	56.294	ng		97
70) Pentachlorophenol	11.23	266	917922	100.471	ng		98
71) Phenanthrene	11.46	178	3520697	46.390	ng		100
72) Anthracene	11.51	178	3551065	47.366	ng		99
73) Carbazole	11.66	167	3358172	47.456	ng		99
74) Di-n-butylphthalate	12.00	149	3975482	46.331	ng		100
75) Fluoranthene	12.66	202	4014965	48.683	ng		97
77) Benzidine	12.77	184	2075883	47.193	ng		98
78) Pyrene	12.89	202	4113840	43.862	ng		100
80) Butylbenzylphthalate	13.52	149	1825817	43.691	ng	#	88
81) Benzo(a)anthracene	14.09	228	3614342	43.750	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	1214164	39.839	ng		98
83) Chrysene	14.13	228	3452567	44.183	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	2467090	45.365	ng		99
85) Di-n-octyl phthalate	14.71	149	4370865	45.609	ng	#	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	4287064	43.783	ng		97
88) Benzo(b)fluoranthene	15.17	252	3895919	44.915	ng		97
89) Benzo(k)fluoranthene	15.20	252	3518422	44.326	ng		98
90) Benzo(a)pyrene	15.56	252	3605588	46.048	ng		98
91) Dibenzo(a,h)anthracene	17.19	278	3499671	44.694	ng		98
92) Benzo(g,h,i)perylene	17.64	276	3505315	45.228	ng		98

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

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