Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000387.D
Acq On : 24 Sep 2019 16:35
Operator : JU
Sample : K5008-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-7MS

Manual Integrations APPROVED
mohammad
9/26/2019 8:24:48 AM

Quant Time: Sep 25 01:34:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	245807	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	906595	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	511254	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	963079	20.00	ng		0.00
76) Chrysene-d12	13.99	240	791421	20.00	ng		0.00
87) Perylene-d12	15.47	264	893274	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1280662	89.94	ng		0.01
7) Phenol-d6	6.43	99	1704699	97.67	ng		0.00
23) Nitrobenzene-d5	7.35	82	931355	66.28	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	454010	89.53	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1843084	64.88	ng		0.00
79) Terphenyl-d14	12.92	244	2187600	57.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	209399	32.590	ng		99
3) Pyridine	3.29	79	527951	30.522	ng		99
4) n-Nitrosodimethylamine	3.22	42	177927	36.479	ng		97
6) Aniline	6.45	93	666249	27.686	ng	#	65
8) 2-Chlorophenol	6.58	128	616770	40.226	ng		99
9) Benzaldehyde	6.33	77	390197	41.717	ng		99
10) Phenol	6.44	94	799132	40.299	ng		84
11) bis(2-Chloroethyl)ether	6.52	93	570060	37.540	ng		99
12) 1,3-Dichlorobenzene	6.73	146	680548	36.988	ng		100
13) 1,4-Dichlorobenzene	6.80	146	687473	37.554	ng		97
14) 1,2-Dichlorobenzene	6.96	146	643845	38.394	ng		100
15) Benzyl Alcohol	6.93	79	494789	38.956	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	506937	35.212	ng		98
17) 2-Methylphenol	7.05	107	504497	38.417	ng		99
18) Hexachloroethane	7.30	117	242821	35.844	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	346621	37.562	ng		99
20) 3+4-Methylphenols	7.20	107	631017	39.737	ng	#	81
22) Acetophenone	7.19	105	834834	42.492	ng		99
24) Nitrobenzene	7.36	77	577075	39.539	ng		98
25) Isophorone	7.60	82	1079370	38.793	ng		98
26) 2-Nitrophenol	7.68	139	321498	41.551	ng		94
27) 2,4-Dimethylphenol	7.73	122	543648	44.110	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	715154	38.645	ng		100
29) 2,4-Dichlorophenol	7.93	162	548416	41.518	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	587358	38.794	ng		99
31) Naphthalene	8.09	128	1754312	41.782	ng		99
32) Benzoic acid	7.83	122	301871	36.275	ng		98
33) 4-Chloroaniline	8.14	127	329471	17.339	ng		98
34) Hexachlorobutadiene	8.22	225	338231	37.703	ng		99
35) Caprolactam	8.49	113	185133m	41.200	ng		
36) 4-Chloro-3-methylphenol	8.63	107	557763	41.595	ng		99
37) 2-Methylnaphthalene	8.79	142	1209695	42.146	ng		99
38) 1-Methylnaphthalene	8.88	142	1124875	41.837	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	587977	40.224	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	572974	68.261 ng	100
43) 2,4,6-Trichlorophenol	9.06	196	400701	39.616 ng	100
44) 2,4,5-Trichlorophenol	9.10	196	436953	42.189 ng	95
46) 1,1'-Biphenyl	9.25	154	1486485	42.030 ng	99
47) 2-Chloronaphthalene	9.28	162	1168697	39.392 ng	97
48) 2-Nitroaniline	9.36	65	287678	38.183 ng	91
49) Acenaphthylene	9.69	152	1863807	41.792 ng	99
50) Dimethylphthalate	9.55	163	1640551	47.098 ng	99
51) 2,6-Dinitrotoluene	9.61	165	318194	41.546 ng	90
52) Acenaphthene	9.86	154	1094293	38.883 ng	99
53) 3-Nitroaniline	9.78	138	209484	23.564 ng	99
54) 2,4-Dinitrophenol	9.89	184	275274	81.354 ng	97
55) Dibenzofuran	10.04	168	1667134	41.904 ng	97
56) 4-Nitrophenol	9.95	139	532759	80.574 ng	97
57) 2,4-Dinitrotoluene	10.02	165	421983	42.146 ng	90
58) Fluorene	10.38	166	1279228	41.629 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	359103	42.136 ng	98
60) Diethylphthalate	10.25	149	1341787	40.044 ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	654389	41.486 ng	93
62) 4-Nitroaniline	10.39	138	352150	40.273 ng	98
63) Azobenzene	10.53	77	1163035	40.969 ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	194827	43.023 ng	91
66) n-Nitrosodiphenylamine	10.49	169	1165592	40.204 ng	100
67) 4-Bromophenyl-phenylether	10.86	248	413217	37.943 ng	99
68) Hexachlorobenzene	10.94	284	449375	37.743 ng	100
70) Pentachlorophenol	11.13	266	477696	73.667 ng	99
71) Phenanthrene	11.35	178	2012008	41.689 ng	100
72) Anthracene	11.40	178	2069241	41.654 ng	100
73) Carbazole	11.56	167	1897341	42.410 ng	99
74) Di-n-butylphthalate	11.89	149	2144900	37.877 ng	99
75) Fluoranthene	12.55	202	2240438	43.232 ng	99
77) Benzidine	12.67	184	1172679	41.489 ng	98
78) Pyrene	12.78	202	2282696	38.552 ng	100
80) Butylbenzylphthalate	13.40	149	976228	35.881 ng	95
81) Benzo(a)anthracene	13.98	228	1967933	39.365 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	640239	31.866 ng	99
83) Chrysene	14.02	228	1936697	39.456 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1229898	37.657 ng	99
85) Di-n-octyl phthalate	14.59	149	2241354	37.027 ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2241629	37.466 ng	99
88) Benzo(b)fluoranthene	15.04	252	2019365	37.894 ng	99
89) Benzo(k)fluoranthene	15.07	252	2001718	43.062 ng	99
90) Benzo(a)pyrene	15.41	252	1987435	40.987 ng	99
91) Dibenzo(a,h)anthracene	16.97	278	1828053	40.436 ng	99
92) Benzo(g,h,i)perylene	17.40	276	1873227	40.312 ng	99

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

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