Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000458.D
Acq On : 27 Sep 2019 15:31
Operator : JU
Sample : K4657-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MSD

Manual Integrations APPROVED
mohammad
9/30/2019 8:15:06 AM

Quant Time: Sep 27 23:40:12 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	180699	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	328089	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	185428	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	362316	20.00	ng		0.00
76) Chrysene-d12	14.01	240	506119	20.00	ng		0.00
87) Perylene-d12	15.49	264	530442	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1497047	143.02	ng		0.02
7) Phenol-d6	6.44	99	1844676	143.77	ng		0.02
23) Nitrobenzene-d5	7.35	82	506410	99.59	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	372761	202.68	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1242073	120.56	ng		0.00
79) Terphenyl-d14	12.94	244	2473088	102.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	193772	41.024	ng	#	89
3) Pyridine	3.37	79	389462	30.628	ng		99
4) n-Nitrosodimethylamine	3.28	42	168792	47.076	ng		97
6) Aniline	6.45	93	168833	9.544	ng	#	1
8) 2-Chlorophenol	6.59	128	556183	49.345	ng		98
9) Benzaldehyde	6.34	77	129713	14.647	ng		99
10) Phenol	6.45	94	678651	46.555	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	530498	47.522	ng		99
12) 1,3-Dichlorobenzene	6.73	146	590307	43.644	ng		98
13) 1,4-Dichlorobenzene	6.81	146	588383	43.722	ng		98
14) 1,2-Dichlorobenzene	6.96	146	424192	34.410	ng		99
15) Benzyl Alcohol	6.93	79	325244	34.834	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	242219	22.887	ng		89
17) 2-Methylphenol	7.05	107	285710	29.596	ng		95
18) Hexachloroethane	7.30	117	107881	21.663	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	152723	22.513	ng		95
20) 3+4-Methylphenols	7.20	107	278079	23.821	ng		97
22) Acetophenone	7.20	105	382658	53.819	ng	#	97
24) Nitrobenzene	7.37	77	254959	48.271	ng		94
25) Isophorone	7.61	82	463459	46.027	ng		98
26) 2-Nitrophenol	7.69	139	127863	45.664	ng	#	94
27) 2,4-Dimethylphenol	7.73	122	233860	52.432	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	290724	43.410	ng		99
29) 2,4-Dichlorophenol	7.94	162	252107	52.739	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	280844	51.256	ng		99
31) Naphthalene	8.10	128	795398	52.346	ng		99
32) Benzoic acid	7.86	122	115218	38.259	ng		96
33) 4-Chloroaniline	8.14	127	40663	5.913	ng		98
34) Hexachlorobutadiene	8.22	225	184865	56.943	ng		100
35) Caprolactam	8.50	113	72486m	44.575	ng		
36) 4-Chloro-3-methylphenol	8.64	107	261807	53.950	ng		97
37) 2-Methylnaphthalene	8.79	142	560801	53.989	ng		97
38) 1-Methylnaphthalene	8.89	142	520682	53.512	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	314556	59.331	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	291480	95.743	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	191296	52.145	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	209026	55.644	ng	#	94
46) 1,1'-Biphenyl	9.26	154	703627	54.853	ng		97
47) 2-Chloronaphthalene	9.28	162	548582	50.981	ng		100
48) 2-Nitroaniline	9.37	65	117680	43.065	ng		91
49) Acenaphthylene	9.70	152	845081	52.246	ng		99
50) Dimethylphthalate	9.56	163	820159	64.920	ng		100
51) 2,6-Dinitrotoluene	9.61	165	147078	52.947	ng		94
52) Acenaphthene	9.87	154	499627	48.948	ng		98
53) 3-Nitroaniline	9.79	138	36444	11.303	ng		97
54) 2,4-Dinitrophenol	9.90	184	105699	86.128	ng		88
55) Dibenzofuran	10.04	168	789808	54.735	ng		97
56) 4-Nitrophenol	9.96	139	203884	85.017	ng	#	82
57) 2,4-Dinitrotoluene	10.03	165	196630	54.147	ng		91
58) Fluorene	10.39	166	625162	56.092	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	183125	59.244	ng		96
60) Diethylphthalate	10.26	149	675181	55.557	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	334206	58.417	ng		98
62) 4-Nitroaniline	10.40	138	118732	37.438	ng	#	83
63) Azobenzene	10.54	77	506404	49.184	ng		94
65) 4,6-Dinitro-2-methylphenol	10.44	198	81440	47.804	ng		92
66) n-Nitrosodiphenylamine	10.50	169	462119	42.369	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	221724	54.117	ng		98
68) Hexachlorobenzene	10.94	284	252101	56.283	ng		93
69) Atrazine	11.03	200	92477	27.777	ng		98
70) Pentachlorophenol	11.14	266	246101	100.882	ng		99
71) Phenanthrene	11.36	178	969830	53.415	ng		99
72) Anthracene	11.41	178	995080	53.245	ng		99
73) Carbazole	11.57	167	670828	39.857	ng		100
74) Di-n-butylphthalate	11.90	149	1129991	53.042	ng		99
75) Fluoranthene	12.56	202	1126819	57.797	ng		94
77) Benzidine	12.68	184	24266	1.342	ng		98
78) Pyrene	12.79	202	1548694	40.899	ng		100
80) Butylbenzylphthalate	13.42	149	772588	44.403	ng		99
81) Benzo(a)anthracene	14.00	228	1529213	47.832	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	96311	7.496	ng		100
83) Chrysene	14.04	228	1628802	51.889	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1014590	48.576	ng		99
85) Di-n-octyl phthalate	14.61	149	1854891	47.917	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1313210	34.321	ng	#	91
88) Benzo(b)fluoranthene	15.07	252	1675017	52.933	ng	#	97
89) Benzo(k)fluoranthene	15.10	252	1463865	53.033	ng	#	96
90) Benzo(a)pyrene	15.43	252	1679836	58.341	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	1104255	41.134	ng	#	94
92) Benzo(g,h,i)perylene	17.44	276	1071261	38.822	ng	#	90

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

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