Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000462.D
Acq On : 27 Sep 2019 17:07
Operator : JU
Sample : K5038-09MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TS-2MS

Manual Integrations APPROVED
mohammad
9/30/2019 8:15:23 AM

Quant Time: Sep 27 23:47:59 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	175049	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	590900	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	316171	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	380524	20.00	ng		0.00
76) Chrysene-d12	14.01	240	340525	20.00	ng		0.01
87) Perylene-d12	15.49	264	388997	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	988579	97.49	ng		0.01
7) Phenol-d6	6.43	99	1446302	116.36	ng		0.01
23) Nitrobenzene-d5	7.35	82	938973	102.53	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	298802	95.28	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1815703	103.36	ng		0.00
79) Terphenyl-d14	12.94	244	1397433	86.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	216452	47.304	ng		100
3) Pyridine	3.29	79	443828	36.030	ng		99
4) n-Nitrosodimethylamine	3.23	42	145191	41.800	ng		94
6) Aniline	6.45	93	338935	19.778	ng	#	45
8) 2-Chlorophenol	6.58	128	528894	48.439	ng		99
9) Benzaldehyde	6.33	77	312877	47.942	ng		99
10) Phenol	6.45	94	667774	47.287	ng		87
11) bis(2-Chloroethyl)ether	6.52	93	483070	44.670	ng		99
12) 1,3-Dichlorobenzene	6.73	146	559134	42.673	ng		100
13) 1,4-Dichlorobenzene	6.80	146	547465	41.995	ng		99
14) 1,2-Dichlorobenzene	6.96	146	516641	43.262	ng		99
15) Benzyl Alcohol	6.93	79	394765	43.644	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	516102	50.339	ng		87
17) 2-Methylphenol	7.05	107	514428	55.008	ng		98
18) Hexachloroethane	7.30	117	246456	51.086	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	348351	53.009	ng		95
20) 3+4-Methylphenols	7.20	107	673162	59.526	ng	#	75
22) Acetophenone	7.19	105	843504	65.871	ng	#	97
24) Nitrobenzene	7.37	77	583633	61.353	ng		99
25) Isophorone	7.61	82	1065127	58.733	ng		99
26) 2-Nitrophenol	7.69	139	304498	60.380	ng		96
27) 2,4-Dimethylphenol	7.73	122	513547	63.930	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	527720	43.752	ng		99
29) 2,4-Dichlorophenol	7.93	162	421902	49.005	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	544520	55.179	ng		99
31) Naphthalene	8.09	128	1408186	51.456	ng		100
32) Benzoic acid	7.85	122	246797	45.502	ng		93
33) 4-Chloroaniline	8.15	127	151976	12.271	ng		98
34) Hexachlorobutadiene	8.22	225	293857	50.257	ng		99
35) Caprolactam	8.50	113	146110m	49.888	ng		
36) 4-Chloro-3-methylphenol	8.63	107	461324	52.783	ng		96
37) 2-Methylnaphthalene	8.79	142	1021362	54.595	ng		98
38) 1-Methylnaphthalene	8.89	142	921607	52.590	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	511985	56.636	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	378443	72.904	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	338144	54.058	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	344555	53.794	ng		96
46) 1,1'-Biphenyl	9.25	154	1490048	68.125	ng		99
47) 2-Chloronaphthalene	9.27	162	1159820	63.214	ng		100
48) 2-Nitroaniline	9.37	65	281263	60.365	ng		98
49) Acenaphthylene	9.70	152	1749977	63.451	ng		99
50) Dimethylphthalate	9.56	163	1612682	74.865	ng		99
51) 2,6-Dinitrotoluene	9.62	165	304991	64.393	ng		96
52) Acenaphthene	9.87	154	716336	41.158	ng		99
53) 3-Nitroaniline	9.78	138	133217	24.231	ng		93
54) 2,4-Dinitrophenol	9.90	184	128631	61.471	ng		93
55) Dibenzofuran	10.05	168	789537	32.090	ng		98
56) 4-Nitrophenol	9.96	139	221159	54.086	ng	#	87
57) 2,4-Dinitrotoluene	10.03	165	198796	32.106	ng		97
58) Fluorene	10.39	166	618009	32.520	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	181472	34.432	ng		99
60) Diethylphthalate	10.26	149	659504	31.826	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	328460	33.671	ng		99
62) 4-Nitroaniline	10.40	138	143043	26.452	ng	#	81
63) Azobenzene	10.54	77	496203	28.264	ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	87296	48.789	ng		98
66) n-Nitrosodiphenylamine	10.50	169	542928	47.396	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	217941	50.649	ng		93
68) Hexachlorobenzene	10.95	284	251794	53.525	ng		99
70) Pentachlorophenol	11.15	266	251089	98.001	ng		99
71) Phenanthrene	11.36	178	1009147	52.921	ng		99
72) Anthracene	11.41	178	984791	50.173	ng		99
73) Carbazole	11.57	167	864793	48.923	ng		100
74) Di-n-butylphthalate	11.90	149	1061515	47.444	ng		99
75) Fluoranthene	12.56	202	1247094	60.905	ng		93
77) Benzidine	12.68	184	310224	25.509	ng		97
78) Pyrene	12.79	202	1304544	51.205	ng		100
80) Butylbenzylphthalate	13.42	149	465674	39.779	ng		96
81) Benzo(a)anthracene	14.00	228	1161868	54.015	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	194711	22.524	ng		99
83) Chrysene	14.03	228	1115404	52.813	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	642640	45.730	ng	#	99
85) Di-n-octyl phthalate	14.61	149	1113646	42.758	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1305798	50.723	ng	#	90
88) Benzo(b)fluoranthene	15.07	252	1333459	57.461	ng	#	95
89) Benzo(k)fluoranthene	15.09	252	1039344m	51.344	ng		
90) Benzo(a)pyrene	15.44	252	1130644m	53.545	ng		
91) Dibenzo(a,h)anthracene	17.01	278	1039754	52.814	ng	#	94
92) Benzo(g,h,i)perylene	17.45	276	1105977	54.655	ng	#	90

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

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