Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000463.D
Acq On : 27 Sep 2019 17:32
Operator : JU
Sample : K5038-09MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TS-2MSD

Manual Integrations APPROVED
mohammad
9/30/2019 8:15:25 AM

Quant Time: Sep 27 23:50:52 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	150875	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	609763	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	268304	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	366497	20.00	ng		0.00
76) Chrysene-d12	14.01	240	322466	20.00	ng		0.01
87) Perylene-d12	15.49	264	365781	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	826018	94.52	ng		0.01
7) Phenol-d6	6.43	99	1446197	135.00	ng		0.01
23) Nitrobenzene-d5	7.35	82	646088	68.36	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	292426	109.88	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1848602	124.01	ng		0.00
79) Terphenyl-d14	12.94	244	1325413	86.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	218854	55.493	ng		99
3) Pyridine	3.29	79	544114	51.249	ng		97
4) n-Nitrosodimethylamine	3.23	42	181824	60.734	ng		96
6) Aniline	6.45	93	377815	25.579	ng	#	25
8) 2-Chlorophenol	6.58	128	422857	44.932	ng		100
9) Benzaldehyde	6.33	77	253199	44.543	ng		98
10) Phenol	6.45	94	666338	54.746	ng		84
11) bis(2-Chloroethyl)ether	6.52	93	418011	44.848	ng		98
12) 1,3-Dichlorobenzene	6.73	146	507469	44.936	ng		100
13) 1,4-Dichlorobenzene	6.80	146	502884	44.756	ng		99
14) 1,2-Dichlorobenzene	6.96	146	515304	50.064	ng		99
15) Benzyl Alcohol	6.93	79	402066	51.573	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	341249	38.618	ng		77
17) 2-Methylphenol	7.05	107	376867	46.755	ng		97
18) Hexachloroethane	7.30	117	177666	42.728	ng		91
19) n-Nitroso-di-n-propylamine	7.20	70	283843	50.113	ng		99
20) 3+4-Methylphenols	7.20	107	541757	55.582	ng	#	76
22) Acetophenone	7.19	105	696325	52.695	ng	#	97
24) Nitrobenzene	7.37	77	381133	38.826	ng		99
25) Isophorone	7.61	82	934246	49.922	ng		100
26) 2-Nitrophenol	7.69	139	251000	48.232	ng		93
27) 2,4-Dimethylphenol	7.73	122	422771	51.001	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	513903	41.288	ng		100
29) 2,4-Dichlorophenol	7.93	162	382767	43.084	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	540900	53.117	ng		98
31) Naphthalene	8.09	128	1302253	46.113	ng		99
32) Benzoic acid	7.85	122	249934	44.655	ng		95
33) 4-Chloroaniline	8.15	127	150419	11.769	ng		100
34) Hexachlorobutadiene	8.22	225	275655	45.686	ng		99
35) Caprolactam	8.50	113	151091m	49.993	ng		
36) 4-Chloro-3-methylphenol	8.63	107	360330	39.953	ng		94
37) 2-Methylnaphthalene	8.79	142	899532	46.596	ng		98
38) 1-Methylnaphthalene	8.89	142	767082	42.418	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	500708	65.271	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	352718	80.070	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	294827	55.542	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	346845	63.812	ng		95
46) 1,1'-Biphenyl	9.25	154	1226541	66.082	ng		99
47) 2-Chloronaphthalene	9.28	162	950751	61.064	ng		98
48) 2-Nitroaniline	9.37	65	215560	54.518	ng		99
49) Acenaphthylene	9.70	152	1415912	60.498	ng		99
50) Dimethylphthalate	9.56	163	1409719	77.118	ng		99
51) 2,6-Dinitrotoluene	9.62	165	249579	62.095	ng		97
52) Acenaphthene	9.87	154	655181	44.361	ng		99
53) 3-Nitroaniline	9.79	138	123145	26.396	ng		97
54) 2,4-Dinitrophenol	9.90	184	156578	88.176	ng		92
55) Dibenzofuran	10.05	168	1039602	49.792	ng		99
56) 4-Nitrophenol	9.96	139	295982	85.298	ng		90
57) 2,4-Dinitrotoluene	10.03	165	262250	49.910	ng		98
58) Fluorene	10.39	166	610848	37.878	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	190818	42.664	ng		100
60) Diethylphthalate	10.26	149	635686	36.150	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	322381	38.944	ng		99
62) 4-Nitroaniline	10.40	138	142875	31.135	ng	#	81
63) Azobenzene	10.54	77	481534	32.322	ng		96
65) 4,6-Dinitro-2-methylphenol	10.44	198	88534	51.375	ng		98
66) n-Nitrosodiphenylamine	10.50	169	533447	48.351	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	210051	50.683	ng		96
68) Hexachlorobenzene	10.95	284	244513	53.967	ng		98
70) Pentachlorophenol	11.15	266	242272	98.179	ng		100
71) Phenanthrene	11.36	178	988659	53.831	ng		100
72) Anthracene	11.41	178	958314	50.692	ng		99
73) Carbazole	11.57	167	841639	49.436	ng		99
74) Di-n-butylphthalate	11.90	149	1005350	46.653	ng		99
75) Fluoranthene	12.56	202	1209685	61.339	ng		94
77) Benzidine	12.68	184	285321	24.775	ng		97
78) Pyrene	12.79	202	1258404	52.160	ng		99
80) Butylbenzylphthalate	13.42	149	437320	39.449	ng		98
81) Benzo(a)anthracene	14.00	228	1101497	54.076	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	188304	23.002	ng		98
83) Chrysene	14.03	228	1056471	52.824	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	601422	45.194	ng	#	99
85) Di-n-octyl phthalate	14.61	149	1031474	41.821	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	1256989	51.562	ng	#	90
88) Benzo(b)fluoranthene	15.06	252	1292951	59.252	ng	#	96
89) Benzo(k)fluoranthene	15.09	252	959171m	50.391	ng		
90) Benzo(a)pyrene	15.43	252	1065322m	53.654	ng		
91) Dibenzo(a,h)anthracene	17.01	278	994057	53.698	ng	#	94
92) Benzo(g,h,i)perylene	17.45	276	1060969	55.758	ng	#	91

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

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