Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000457.D
Acq On : 27 Sep 2019 15:07
Operator : JU
Sample : K4657-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-02-092419MS

Manual Integrations APPROVED
mohammad
9/30/2019 8:15:04 AM

Quant Time: Sep 27 23:39:01 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	227673	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	809267	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	447960	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	823909	20.00	ng		0.00
76) Chrysene-d12	14.01	240	667554	20.00	ng		0.01
87) Perylene-d12	15.49	264	779000	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1682926	127.61	ng		0.02
7) Phenol-d6	6.43	99	2122710	131.31	ng		0.01
23) Nitrobenzene-d5	7.35	82	1226898	97.82	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	651532	146.64	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2587092	103.94	ng		0.00
79) Terphenyl-d14	12.94	244	3111350	97.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	218729	36.753	ng	#	89
3) Pyridine	3.37	79	320809	20.024	ng		100
4) n-Nitrosodimethylamine	3.28	42	182875	40.480	ng		98
6) Aniline	6.45	93	231810	10.400	ng	#	1
8) 2-Chlorophenol	6.58	128	655661	46.169	ng		100
9) Benzaldehyde	6.34	77	268543	29.019	ng		98
10) Phenol	6.45	94	784372	42.706	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	612148	43.523	ng		98
12) 1,3-Dichlorobenzene	6.73	146	714684	41.937	ng		99
13) 1,4-Dichlorobenzene	6.81	146	724786	42.746	ng		96
14) 1,2-Dichlorobenzene	6.96	146	673725	43.376	ng		99
15) Benzyl Alcohol	6.93	79	528813	44.951	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	549811	41.232	ng		97
17) 2-Methylphenol	7.05	107	546847	44.959	ng		99
18) Hexachloroethane	7.30	117	253770	40.444	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	365306	42.740	ng		99
20) 3+4-Methylphenols	7.20	107	680472	46.264	ng	#	78
22) Acetophenone	7.19	105	888079	50.638	ng	#	97
24) Nitrobenzene	7.37	77	623953	47.893	ng		99
25) Isophorone	7.61	82	1156343	46.558	ng		100
26) 2-Nitrophenol	7.69	139	340641	49.320	ng		97
27) 2,4-Dimethylphenol	7.73	122	586001	53.265	ng		100
28) bis(2-Chloroethoxy)methane	7.82	93	775981	46.975	ng		100
29) 2,4-Dichlorophenol	7.93	162	590927	50.116	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	635183	46.998	ng		98
31) Naphthalene	8.09	128	1892538	50.495	ng		100
32) Benzoic acid	7.85	122	354809	47.764	ng		97
33) 4-Chloroaniline	8.15	127	117054	6.901	ng		99
34) Hexachlorobutadiene	8.22	225	367592	45.904	ng		98
35) Caprolactam	8.50	113	191351m	47.706	ng		
36) 4-Chloro-3-methylphenol	8.63	107	595902	49.784	ng		99
37) 2-Methylnaphthalene	8.79	142	1294401	50.520	ng		100
38) 1-Methylnaphthalene	8.89	142	1208629	50.358	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	638485	49.851	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	528441	71.850	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	431572	48.696	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	471367	51.942	ng	99
46) 1,1'-Biphenyl	9.25	154	1592559	51.391	ng	100
47) 2-Chloronaphthalene	9.28	162	1243367	47.830	ng	97
48) 2-Nitroaniline	9.38	65	300377	45.501	ng	96
49) Acenaphthylene	9.70	152	1972048	50.467	ng	99
50) Dimethylphthalate	9.56	163	1813405	59.417	ng	99
51) 2,6-Dinitrotoluene	9.62	165	340740	50.776	ng	94
52) Acenaphthene	9.87	154	1147057	46.517	ng	99
53) 3-Nitroaniline	9.78	138	124036	15.924	ng	97
54) 2,4-Dinitrophenol	9.90	184	293721	99.070	ng	98
55) Dibenzofuran	10.05	168	1781123	51.095	ng	98
56) 4-Nitrophenol	9.96	139	514178	88.751	ng	96
57) 2,4-Dinitrotoluene	10.03	165	453010	51.638	ng	99
58) Fluorene	10.39	166	1345371	49.967	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	394560	52.838	ng	96
60) Diethylphthalate	10.26	149	1445637	49.239	ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	694434	50.245	ng	95
62) 4-Nitroaniline	10.40	138	343949	44.893	ng	98
63) Azobenzene	10.54	77	1211035	48.688	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	203668	52.572	ng	98
66) n-Nitrosodiphenylamine	10.50	169	1223960	49.348	ng	100
67) 4-Bromophenyl-phenylether	10.88	248	446770	47.953	ng	95
68) Hexachlorobenzene	10.95	284	477745	46.904	ng	94
70) Pentachlorophenol	11.15	266	493172	88.901	ng	99
71) Phenanthrene	11.36	178	2094510	50.729	ng	100
72) Anthracene	11.41	178	2130310	50.127	ng	100
73) Carbazole	11.57	167	1958110	51.162	ng	99
74) Di-n-butylphthalate	11.90	149	2333808	48.175	ng	99
75) Fluoranthene	12.56	202	2353937	53.095	ng	96
77) Benzidine	12.68	184	18606	0.780	ng	98
78) Pyrene	12.79	202	2393027	47.914	ng	100
80) Butylbenzylphthalate	13.42	149	1051368	45.813	ng	97
81) Benzo(a)anthracene	14.00	228	2021774	47.946	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	392767	23.176	ng	100
83) Chrysene	14.03	228	2032246	49.085	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1357369	49.272	ng	99
85) Di-n-octyl phthalate	14.61	149	2509261	49.145	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2560126	50.729	ng	98
88) Benzo(b)fluoranthene	15.06	252	2217156	47.709	ng	98
89) Benzo(k)fluoranthene	15.09	252	2164881	53.404	ng	99
90) Benzo(a)pyrene	15.43	252	2172143	51.368	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	2087887	52.959	ng	98
92) Benzo(g,h,i)perylene	17.44	276	2153176	53.133	ng	99

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

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