Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000393.D
Acq On : 24 Sep 2019 19:01
Operator : JU
Sample : K4665-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-01-091919MSD

Manual Integrations APPROVED
mohammad
9/26/2019 8:24:59 AM

Quant Time: Sep 25 02:08:01 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	250359	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	909345	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	397044	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	762064	20.00	ng		0.00
76) Chrysene-d12	13.99	240	622046	20.00	ng		0.00
87) Perylene-d12	15.47	264	718387	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1512901	104.32	ng		0.02
7) Phenol-d6	6.43	99	2079243	116.96	ng		0.00
23) Nitrobenzene-d5	7.35	82	1343256	95.31	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	646050	164.05	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2507269	113.65	ng		0.00
79) Terphenyl-d14	12.93	244	2907929	98.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	200807	30.684	ng		100
3) Pyridine	3.33	79	402182	22.828	ng		99
4) n-Nitrosodimethylamine	3.25	42	173586	34.942	ng		96
6) Aniline	6.45	93	457363	18.660	ng	#	1
8) 2-Chlorophenol	6.58	128	680687	43.588	ng		98
9) Benzaldehyde	6.33	77	316064	31.601	ng		99
10) Phenol	6.45	94	831956	41.192	ng		90
11) bis(2-Chloroethyl)ether	6.52	93	668576	43.227	ng		99
12) 1,3-Dichlorobenzene	6.73	146	757229	40.408	ng		97
13) 1,4-Dichlorobenzene	6.80	146	774473	41.537	ng		98
14) 1,2-Dichlorobenzene	6.96	146	719626	42.133	ng		99
15) Benzyl Alcohol	6.93	79	561555	43.409	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	581834	39.680	ng		97
17) 2-Methylphenol	7.05	107	565702	42.295	ng		99
18) Hexachloroethane	7.30	117	272122	39.439	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	399470	42.502	ng		97
20) 3+4-Methylphenols	7.20	107	694545	42.942	ng		99
22) Acetophenone	7.19	105	961090	48.770	ng	#	99
24) Nitrobenzene	7.37	77	671576	45.875	ng		97
25) Isophorone	7.61	82	1263907	45.288	ng		99
26) 2-Nitrophenol	7.69	139	366635	47.242	ng		98
27) 2,4-Dimethylphenol	7.73	122	620680	50.208	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	821266	44.245	ng		99
29) 2,4-Dichlorophenol	7.93	162	628521	47.438	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	667882	43.979	ng		99
31) Naphthalene	8.09	128	1984357	47.118	ng		100
32) Benzoic acid	7.84	122	322399	38.625	ng		99
33) 4-Chloroaniline	8.14	127	253794	13.316	ng		98
34) Hexachlorobutadiene	8.22	225	384083	42.685	ng		99
35) Caprolactam	8.49	113	167999m	37.274	ng		
36) 4-Chloro-3-methylphenol	8.63	107	640678	47.634	ng		99
37) 2-Methylnaphthalene	8.79	142	1378744	47.890	ng		100
38) 1-Methylnaphthalene	8.89	142	1276087	47.317	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	670442	59.059	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	632210	96.983	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	440190	56.038	ng		98
44) 2,4,5-Trichlorophenol	9.11	196	475449	59.110	ng		99
46) 1,1'-Biphenyl	9.25	154	1336462	48.657	ng		98
47) 2-Chloronaphthalene	9.27	162	1038799	45.085	ng		99
48) 2-Nitroaniline	9.37	65	254917	43.567	ng		98
49) Acenaphthylene	9.69	152	1648431	47.595	ng		99
50) Dimethylphthalate	9.55	163	1468727	54.294	ng		99
51) 2,6-Dinitrotoluene	9.61	165	293690	49.377	ng		95
52) Acenaphthene	9.86	154	963455	44.082	ng		99
53) 3-Nitroaniline	9.77	138	153254	22.198	ng		97
54) 2,4-Dinitrophenol	9.89	184	251394	95.667	ng		95
55) Dibenzofuran	10.04	168	1515031	49.035	ng		99
56) 4-Nitrophenol	9.96	139	428124	83.374	ng		90
57) 2,4-Dinitrotoluene	10.02	165	396903	51.044	ng	#	88
58) Fluorene	10.38	166	1149271	48.158	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	343972	51.971	ng		98
60) Diethylphthalate	10.26	149	1245257	47.853	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	599931	48.974	ng		97
62) 4-Nitroaniline	10.40	138	302418	44.534	ng		94
63) Azobenzene	10.53	77	995535	45.156	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	180879	50.479	ng		96
66) n-Nitrosodiphenylamine	10.49	169	1071542	46.709	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	399429	46.351	ng		92
68) Hexachlorobenzene	10.94	284	450434	47.812	ng		99
70) Pentachlorophenol	11.13	266	499012	97.254	ng		99
71) Phenanthrene	11.35	178	1836781	48.097	ng		100
72) Anthracene	11.40	178	1871688	47.615	ng		99
73) Carbazole	11.56	167	1710474	48.318	ng		100
74) Di-n-butylphthalate	11.90	149	1980653	44.203	ng		99
75) Fluoranthene	12.55	202	2063752	50.327	ng		96
77) Benzidine	12.67	184	963239	43.358	ng		98
78) Pyrene	12.78	202	2123827	45.635	ng		100
80) Butylbenzylphthalate	13.41	149	881361	41.215	ng		98
81) Benzo(a)anthracene	13.99	228	1838598	46.792	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	485310	30.732	ng		99
83) Chrysene	14.02	228	1794262	46.507	ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1106621	43.109	ng	#	100
85) Di-n-octyl phthalate	14.60	149	2048245	43.051	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2230715	47.436	ng		95
88) Benzo(b)fluoranthene	15.05	252	1976597	46.121	ng	#	97
89) Benzo(k)fluoranthene	15.07	252	1885506	50.437	ng	#	97
90) Benzo(a)pyrene	15.42	252	1902381	48.784	ng	#	97
91) Dibenzo(a,h)anthracene	16.97	278	1826091	50.226	ng		97
92) Benzo(g,h,i)perylene	17.40	276	1869238	50.019	ng		96

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

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