Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000433.D
Acq On : 26 Sep 2019 19:35
Operator : JU
Sample : K5038-09MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TS-2MS

Manual Integrations APPROVED
mohammad
9/27/2019 1:47:22 PM

Quant Time: Sep 27 03:40:45 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	264328	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	959278	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	519769	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	920731	20.00	ng		0.00
76) Chrysene-d12	14.01	240	662718	20.00	ng		0.01
87) Perylene-d12	15.50	264	690891	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1577219	103.01	ng		0.02
7) Phenol-d6	6.44	99	2066464	110.10	ng		0.02
23) Nitrobenzene-d5	7.35	82	1173821	78.95	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	576651	111.85	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2448039	84.77	ng		0.00
79) Terphenyl-d14	12.94	244	2647951	83.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	259752	37.594	ng		99
3) Pyridine	3.30	79	665228	35.763	ng		99
4) n-Nitrosodimethylamine	3.24	42	226441	43.173	ng		97
6) Aniline	6.45	93	533430	20.613	ng	#	1
8) 2-Chlorophenol	6.58	128	767554	46.553	ng		97
9) Benzaldehyde	6.33	77	488687	49.854	ng		97
10) Phenol	6.45	94	987721	46.320	ng		84
11) bis(2-Chloroethyl)ether	6.52	93	735138	45.019	ng		99
12) 1,3-Dichlorobenzene	6.73	146	835840	42.245	ng		99
13) 1,4-Dichlorobenzene	6.81	146	856798	43.524	ng		96
14) 1,2-Dichlorobenzene	6.96	146	787829	43.689	ng		99
15) Benzyl Alcohol	6.93	79	606964	44.439	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	619840	40.038	ng		89
17) 2-Methylphenol	7.06	107	632289	44.775	ng		95
18) Hexachloroethane	7.30	117	264979	36.374	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	433650	43.700	ng		98
20) 3+4-Methylphenols	7.21	107	853827	50.000	ng	#	69
22) Acetophenone	7.20	105	1053217	50.663	ng	#	97
24) Nitrobenzene	7.37	77	730099	47.277	ng		97
25) Isophorone	7.62	82	1339651	45.503	ng		99
26) 2-Nitrophenol	7.69	139	387061	47.278	ng		98
27) 2,4-Dimethylphenol	7.73	122	672616	51.577	ng		100
28) bis(2-Chloroethoxy)methane	7.82	93	892978	45.604	ng		100
29) 2,4-Dichlorophenol	7.94	162	680869	48.714	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	721668	45.047	ng		98
31) Naphthalene	8.10	128	2146454	48.314	ng		100
32) Benzoic acid	7.86	122	448076	50.887	ng		96
33) 4-Chloroaniline	8.15	127	197708	9.833	ng		99
34) Hexachlorobutadiene	8.22	225	419425	44.186	ng		99
35) Caprolactam	8.51	113	228221m	48.000	ng		
36) 4-Chloro-3-methylphenol	8.64	107	683382	48.164	ng		97
37) 2-Methylnaphthalene	8.79	142	1475755	48.591	ng		99
38) 1-Methylnaphthalene	8.89	142	1370314	48.166	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	733340	49.346	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	304944	35.734	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	494140	48.053	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	525639	49.920	ng		98
46) 1,1'-Biphenyl	9.26	154	1767121	49.146	ng		99
47) 2-Chloronaphthalene	9.28	162	1382573	45.838	ng		98
48) 2-Nitroaniline	9.38	65	356623	46.558	ng		91
49) Acenaphthylene	9.70	152	2256803	49.775	ng		100
50) Dimethylphthalate	9.56	163	1982839	55.993	ng		99
51) 2,6-Dinitrotoluene	9.62	165	364566	46.821	ng		90
52) Acenaphthene	9.88	154	1299377	45.414	ng		99
53) 3-Nitroaniline	9.79	138	248245	27.467	ng		97
54) 2,4-Dinitrophenol	9.90	184	148955	43.300	ng		97
55) Dibenzofuran	10.05	168	1962822	48.528	ng		100
56) 4-Nitrophenol	9.97	139	580780	86.398	ng		97
57) 2,4-Dinitrotoluene	10.03	165	465780	45.758	ng	#	88
58) Fluorene	10.39	166	1492692	47.780	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	427574	49.348	ng		97
60) Diethylphthalate	10.26	149	1575224	46.241	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	759908	47.386	ng		98
62) 4-Nitroaniline	10.41	138	371013	41.735	ng		97
63) Azobenzene	10.55	77	1313647	45.517	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	108806	25.132	ng		88
66) n-Nitrosodiphenylamine	10.50	169	1341770	48.409	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	480096	46.111	ng		99
68) Hexachlorobenzene	10.95	284	507503	44.586	ng		98
70) Pentachlorophenol	11.15	266	534702	86.251	ng		98
71) Phenanthrene	11.36	178	2319944	50.280	ng		100
72) Anthracene	11.42	178	2288742	48.191	ng		100
73) Carbazole	11.57	167	2055650	48.062	ng		100
74) Di-n-butylphthalate	11.91	149	2423275	44.761	ng		100
75) Fluoranthene	12.56	202	2665239	53.795	ng		99
77) Benzidine	12.69	184	1056067	44.619	ng		98
78) Pyrene	12.80	202	2752529	55.514	ng		99
80) Butylbenzylphthalate	13.42	149	1021190	44.823	ng		95
81) Benzo(a)anthracene	14.00	228	2210055	52.794	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	634248	37.699	ng		100
83) Chrysene	14.04	228	2132873	51.891	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1276681	46.681	ng		100
85) Di-n-octyl phthalate	14.62	149	2244902	44.288	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1268807	25.325	ng	#	91
88) Benzo(b)fluoranthene	15.07	252	2465360	59.816	ng		98
89) Benzo(k)fluoranthene	15.10	252	1932804m	53.760	ng		
90) Benzo(a)pyrene	15.45	252	2016672	53.773	ng		98
91) Dibenzo(a,h)anthracene	17.02	278	1005405	28.754	ng	#	94
92) Benzo(g,h,i)perylene	17.46	276	1018198	28.330	ng	#	92

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

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