Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001177.D
Acq On : 04 Dec 2019 02:06
Operator : JU
Sample : K6012-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 211MS

Manual Integrations APPROVED
mohammad
12/4/2019 5:00:58 PM

Quant Time: Dec 04 06:49:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	114606	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	411170	20.00	ng		-0.01
39) Acenaphthene-d10	13.21	164	224340	20.00	ng		-0.02
64) Phenanthrene-d10	15.61	188	426333	20.00	ng		-0.02
76) Chrysene-d12	19.26	240	330876	20.00	ng		-0.02
87) Perylene-d12	21.03	264	349731	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	897349	129.90	ng		0.00
7) Phenol-d6	7.77	99	1224724	133.08	ng		0.00
23) Nitrobenzene-d5	9.20	82	811560	85.63	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	289820	134.78	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1278858	83.43	ng		-0.02
79) Terphenyl-d14	17.89	244	1459547	81.61	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	131204	40.664	ng		95
3) Pyridine	3.47	79	324517	36.245	ng		93
4) n-Nitrosodimethylamine	3.38	42	199376	51.460	ng		80
6) Aniline	7.79	93	259624	21.277	ng	#	1
8) 2-Chlorophenol	7.98	128	332018	46.455	ng		97
9) Benzaldehyde	7.61	77	160288	27.482	ng		99
10) Phenol	7.79	94	474267	45.306	ng		95
11) bis(2-Chloroethyl)ether	7.92	93	353726	43.394	ng		97
12) 1,3-Dichlorobenzene	8.22	146	370701	43.760	ng		98
13) 1,4-Dichlorobenzene	8.34	146	374745	43.914	ng		98
14) 1,2-Dichlorobenzene	8.58	146	353603	44.029	ng		99
15) Benzyl Alcohol	8.55	79	365371	48.365	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.77	45	545841	41.651	ng		99
17) 2-Methylphenol	8.74	107	288703	44.037	ng		95
18) Hexachloroethane	9.12	117	155660	44.095	ng		99
19) n-Nitroso-di-n-propylamine	8.99	70	285732	43.028	ng		97
20) 3+4-Methylphenols	8.98	107	369801	44.747	ng		98
22) Acetophenone	8.96	105	541890	44.841	ng	#	97
24) Nitrobenzene	9.23	77	438105	46.489	ng		99
25) Isophorone	9.62	82	755412	44.451	ng		98
26) 2-Nitrophenol	9.74	139	163715	47.429	ng		95
27) 2,4-Dimethylphenol	9.83	122	288546	52.773	ng		94
28) bis(2-Chloroethoxy)methane	9.99	93	443310	41.577	ng		98
29) 2,4-Dichlorophenol	10.13	162	287370	46.179	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	322264	44.338	ng		98
31) Naphthalene	10.38	128	953030	45.384	ng		100
32) Benzoic acid	10.02	122	189716	47.995	ng		98
33) 4-Chloroaniline	10.47	127	96961	10.640	ng		99
34) Hexachlorobutadiene	10.60	225	205579	44.962	ng		99
35) Caprolactam	11.05	113	91045m	42.450	ng		
36) 4-Chloro-3-methylphenol	11.29	107	338043	45.817	ng		99
37) 2-Methylnaphthalene	11.52	142	634781	44.300	ng		97
38) 1-Methylnaphthalene	11.67	142	594663	43.932	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	318732	45.083	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	343657	105.366	ng		99
43) 2,4,6-Trichlorophenol	11.98	196	211701	45.860	ng		100
44) 2,4,5-Trichlorophenol	12.04	196	224349	46.906	ng		98
46) 1,1'-Biphenyl	12.29	154	779065	44.934	ng		99
47) 2-Chloronaphthalene	12.30	162	609660	44.022	ng		98
48) 2-Nitroaniline	12.47	65	242220	44.626	ng		98
49) Acenaphthylene	12.98	152	975617	46.997	ng		100
50) Dimethylphthalate	12.81	163	875355	52.171	ng		100
51) 2,6-Dinitrotoluene	12.89	165	162016	45.109	ng		86
52) Acenaphthene	13.27	154	554651	44.417	ng		100
53) 3-Nitroaniline	13.15	138	72413	17.948	ng		96
54) 2,4-Dinitrophenol	13.33	184	104960	72.295	ng		89
55) Dibenzofuran	13.56	168	861914	45.933	ng		98
56) 4-Nitrophenol	13.45	139	268953	94.073	ng		81
57) 2,4-Dinitrotoluene	13.55	165	210923	46.851	ng	#	85
58) Fluorene	14.12	166	685886	45.616	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	182545	46.430	ng	#	95
60) Diethylphthalate	13.98	149	743733	42.810	ng		99
61) 4-Chlorophenyl-phenylether	14.13	204	338586	44.221	ng		98
62) 4-Nitroaniline	12.47	138	198377	42.409	ng		94
63) Azobenzene	14.39	77	831899	44.300	ng		96
65) 4,6-Dinitro-2-methylphenol	14.21	198	75787	42.305	ng		97
66) n-Nitrosodiphenylamine	14.33	169	584663	45.134	ng		100
67) 4-Bromophenyl-phenylether	14.93	248	200873	43.399	ng		91
68) Hexachlorobenzene	15.01	284	221022	43.435	ng		97
69) Atrazine	15.22	200	184990	46.771	ng		99
70) Pentachlorophenol	15.33	266	263886	99.499	ng		98
71) Phenanthrene	15.65	178	1014937	45.282	ng		99
72) Anthracene	15.73	178	1040943	47.119	ng		99
73) Carbazole	15.97	167	945866	47.052	ng		100
74) Di-n-butylphthalate	16.53	149	1165321	43.114	ng		99
75) Fluoranthene	17.36	202	1130853	47.658	ng		98
77) Benzidine	17.54	184	316316	37.026	ng		98
78) Pyrene	17.66	202	1153209	44.251	ng		100
80) Butylbenzylphthalate	18.55	149	506906	42.113	ng		97
81) Benzo(a)anthracene	19.24	228	1006811	43.887	ng		99
82) 3,3'-Dichlorobenzidine	19.21	252	250712	33.081	ng		97
83) Chrysene	19.29	228	948717	46.182	ng		99
84) Bis(2-ethylhexyl)phthalate	19.30	149	683299	41.289	ng		99
85) Di-n-octyl phthalate	20.07	149	1217100	41.400	ng		99
86) Indeno(1,2,3-cd)pyrene	22.67	276	1039913	42.953	ng		97
88) Benzo(b)fluoranthene	20.54	252	960755	44.976	ng		98
89) Benzo(k)fluoranthene	20.57	252	932478	45.322	ng		98
90) Benzo(a)pyrene	20.96	252	911438	46.322	ng		99
91) Dibenzo(a,h)anthracene	22.70	278	862288	44.782	ng		97
92) Benzo(g,h,i)perylene	23.17	276	879162	46.239	ng		97

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

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