Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001067.D
Acq On : 18 Nov 2019 18:37
Operator : JU
Sample : K5865-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
4-(14-17)

Manual Integrations APPROVED
mohammad
11/19/2019 2:46:49 PM

Quant Time: Nov 19 04:49:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	162999	20.00	ng		-0.01
21) Naphthalene-d8	10.39	136	576067	20.00	ng		-0.01
39) Acenaphthene-d10	13.26	164	328827	20.00	ng		-0.01
64) Phenanthrene-d10	15.65	188	621500	20.00	ng		0.00
76) Chrysene-d12	19.29	240	521412	20.00	ng		0.00
87) Perylene-d12	21.07	264	583822	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	1200986	134.11	ng		0.02
7) Phenol-d6	7.82	99	1526037	134.76	ng		0.00
23) Nitrobenzene-d5	9.25	82	970731	93.21	ng		-0.01
42) 2,4,6-Tribromophenol	14.55	330	660942	168.37	ng		0.00
45) 2-Fluorobiphenyl	12.17	172	2148209	98.39	ng		-0.01
79) Terphenyl-d14	17.93	244	2675441	102.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	129419	33.239	ng	#	86
3) Pyridine	3.80	79	288517	28.027	ng		97
4) n-Nitrosodimethylamine	3.71	42	171708	47.859	ng	#	76
8) 2-Chlorophenol	8.03	128	450370	47.426	ng		98
9) Benzaldehyde	7.67	77	86701	10.973	ng		97
10) Phenol	7.84	94	604209	48.780	ng		86
11) bis(2-Chloroethyl)ether	7.98	93	393048	40.762	ng		97
12) 1,3-Dichlorobenzene	8.28	146	446082	37.442	ng		98
13) 1,4-Dichlorobenzene	8.39	146	461865	38.487	ng		98
14) 1,2-Dichlorobenzene	8.63	146	443588	39.971	ng		99
15) Benzyl Alcohol	8.60	79	431444	49.996	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.82	45	339988	33.762	ng		93
17) 2-Methylphenol	8.78	107	377251	46.791	ng		95
18) Hexachloroethane	9.16	117	171362	38.876	ng		98
19) n-Nitroso-di-n-propylamine	9.03	70	304387	44.764	ng		96
20) 3+4-Methylphenols	9.03	107	490851	49.073	ng		95
22) Acetophenone	9.01	105	681818	45.829	ng	#	99
24) Nitrobenzene	9.27	77	485741	46.484	ng		99
25) Isophorone	9.67	82	861588	44.949	ng	#	97
26) 2-Nitrophenol	9.78	139	232276	59.483	ng	#	91
27) 2,4-Dimethylphenol	9.87	122	391572	53.549	ng		95
28) bis(2-Chloroethoxy)methane	10.03	93	511490	40.812	ng		99
29) 2,4-Dichlorophenol	10.17	162	430124	48.733	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	469493	43.300	ng		99
31) Naphthalene	10.43	128	1283927	44.609	ng		99
32) Benzoic acid	10.07	122	256163	56.404	ng		92
33) 4-Chloroaniline	10.52	127	62400	5.056	ng		95
34) Hexachlorobutadiene	10.65	225	324127	45.246	ng		99
35) Caprolactam	11.10	113	113516m	40.749	ng		
36) 4-Chloro-3-methylphenol	11.33	107	458232	49.998	ng		94
37) 2-Methylnaphthalene	11.56	142	934961	46.412	ng		96
38) 1-Methylnaphthalene	11.72	142	885080	46.498	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.83	216	523231	47.787	ng		98
41) Hexachlorocyclopentadiene	11.83	237	596070	108.671	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.02	196	339835	51.478	ng		96
44) 2,4,5-Trichlorophenol	12.08	196	362985	51.427	ng		98
46) 1,1'-Biphenyl	12.33	154	1186405	48.253	ng		99
47) 2-Chloronaphthalene	12.35	162	924695	46.718	ng		99
48) 2-Nitroaniline	12.52	65	239373	46.203	ng		96
49) Acenaphthylene	13.02	152	1427042	47.425	ng		99
50) Dimethylphthalate	12.85	163	1323444	54.429	ng		99
51) 2,6-Dinitrotoluene	12.93	165	246215	48.545	ng		96
52) Acenaphthene	13.31	154	843596	46.873	ng		97
53) 3-Nitroaniline	13.19	138	97159	17.563	ng		99
54) 2,4-Dinitrophenol	13.37	184	193367	119.127	ng	#	82
55) Dibenzofuran	13.60	168	1328259	47.251	ng		94
56) 4-Nitrophenol	13.49	139	372220	96.756	ng	#	88
57) 2,4-Dinitrotoluene	13.59	165	326781	51.295	ng	#	92
58) Fluorene	14.16	166	1043395	46.638	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.80	232	318644	53.095	ng	#	93
60) Diethylphthalate	14.02	149	1126132	46.108	ng		99
61) 4-Chlorophenyl-phenylether	14.17	204	561253	47.447	ng		93
62) 4-Nitroaniline	12.52	138	270550	45.613	ng		95
63) Azobenzene	14.43	77	916606	42.881	ng		96
65) 4,6-Dinitro-2-methylphenol	14.25	198	139449	66.557	ng		98
66) n-Nitrosodiphenylamine	14.37	169	891362	49.882	ng		98
67) 4-Bromophenyl-phenylether	14.97	248	366123	50.042	ng		99
68) Hexachlorobenzene	15.06	284	423726	49.976	ng		98
69) Atrazine	15.26	200	323994	49.796	ng		99
70) Pentachlorophenol	15.37	266	486267	128.843	ng		99
71) Phenanthrene	15.69	178	1521673	47.838	ng		100
72) Anthracene	15.77	178	1557510	50.193	ng		99
73) Carbazole	16.01	167	1304938	45.869	ng		99
74) Di-n-butylphthalate	16.56	149	1650106	48.059	ng		99
75) Fluoranthene	17.40	202	1701027	47.311	ng		96
77) Benzidine	17.58	184	74707	3.891	ng		99
78) Pyrene	17.70	202	1681526	45.633	ng		99
80) Butylbenzylphthalate	18.58	149	705303	48.339	ng		98
81) Benzo(a)anthracene	19.28	228	1641971	46.757	ng		99
82) 3,3'-Dichlorobenzidine	19.25	252	239355	18.694	ng		98
83) Chrysene	19.33	228	1494985	48.491	ng		100
84) Bis(2-ethylhexyl)phthalate	19.33	149	941172	50.733	ng	#	99
85) Di-n-octyl phthalate	20.11	149	1658209	49.651	ng		100
86) Indeno(1,2,3-cd)pyrene	22.75	276	2008361	47.609	ng	#	95
88) Benzo(b)fluoranthene	20.59	252	1666057	47.874	ng	#	97
89) Benzo(k)fluoranthene	20.62	252	1630660	49.777	ng	#	97
90) Benzo(a)pyrene	21.00	252	1509200	47.162	ng	#	98
91) Dibenzo(a,h)anthracene	22.77	278	1688343	51.694	ng	#	97
92) Benzo(g,h,i)perylene	23.25	276	1680142	51.089	ng	#	94

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

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