Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001479.D
Acq On : 28 Dec 2019 17:02
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
12/30/2019 2:09:35 PM

Quant Time: Dec 29 08:14:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	27211	20.00	ng		-0.01
21) Naphthalene-d8	10.32	136	93229	20.00	ng		0.00
39) Acenaphthene-d10	13.17	164	56018	20.00	ng		0.00
64) Phenanthrene-d10	15.57	188	114786	20.00	ng		0.00
76) Chrysene-d12	19.22	240	97117	20.00	ng		0.00
87) Perylene-d12	20.98	264	101650	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	139529	82.87	ng		-0.01
7) Phenol-d6	7.75	99	184650	84.05	ng		0.00
23) Nitrobenzene-d5	9.17	82	193660	79.77	ng		0.00
42) 2,4,6-Tribromophenol	14.47	330	67187	95.93	ng		0.00
45) 2-Fluorobiphenyl	12.09	172	406276	91.71	ng		0.00
79) Terphenyl-d14	17.86	244	521813	92.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	28076	40.520	ng		95
3) Pyridine	3.32	79	63897	33.758	ng		93
4) n-Nitrosodimethylamine	3.25	42	50166	41.856	ng		97
6) Aniline	7.76	93	116169	42.005	ng	#	85
8) 2-Chlorophenol	7.95	128	73114	43.195	ng		94
9) Benzaldehyde	7.58	77	60204	39.064	ng		99
10) Phenol	7.76	94	100143	39.894	ng		97
11) bis(2-Chloroethyl)ether	7.89	93	68804	38.744	ng		95
12) 1,3-Dichlorobenzene	8.19	146	92496	43.872	ng		96
13) 1,4-Dichlorobenzene	8.30	146	94397	43.946	ng		97
14) 1,2-Dichlorobenzene	8.55	146	91024	44.481	ng		97
15) Benzyl Alcohol	8.52	79	78980	38.313	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	93317	33.179	ng		95
17) 2-Methylphenol	8.72	107	61842	41.346	ng		99
18) Hexachloroethane	9.08	117	37257	40.773	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	59667	38.257	ng		96
20) 3+4-Methylphenols	8.96	107	83129	41.882	ng		98
22) Acetophenone	8.93	105	123237	41.801	ng	#	96
24) Nitrobenzene	9.20	77	93593	39.169	ng		97
25) Isophorone	9.59	82	150419	38.533	ng		97
26) 2-Nitrophenol	9.70	139	38262	44.906	ng		97
27) 2,4-Dimethylphenol	9.81	122	54886	43.798	ng		96
28) bis(2-Chloroethoxy)methane	9.96	93	91375	39.191	ng		99
29) 2,4-Dichlorophenol	10.10	162	68587	44.201	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	88059	46.137	ng		97
31) Naphthalene	10.35	128	223997	44.015	ng		99
32) Benzoic acid	10.02	122	35099	36.039	ng		92
33) 4-Chloroaniline	10.45	127	90069	43.277	ng		96
34) Hexachlorobutadiene	10.57	225	58159	43.687	ng		94
35) Caprolactam	11.03	113	19442m	42.107	ng		
36) 4-Chloro-3-methylphenol	11.27	107	73688	40.637	ng		98
37) 2-Methylnaphthalene	11.48	142	157001	44.687	ng		98
38) 1-Methylnaphthalene	11.63	142	146572	44.375	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	94520	45.634	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	43913	42.866	ng		99
43) 2,4,6-Trichlorophenol	11.95	196	56178	44.102	ng		96
44) 2,4,5-Trichlorophenol	12.02	196	56630	43.269	ng		96
46) 1,1'-Biphenyl	12.25	154	209842	44.764	ng		100
47) 2-Chloronaphthalene	12.27	162	166766	44.005	ng		98
48) 2-Nitroaniline	12.45	65	59634	39.297	ng		97
49) Acenaphthylene	12.94	152	238943	43.132	ng		99
50) Dimethylphthalate	12.77	163	195887	42.624	ng		98
51) 2,6-Dinitrotoluene	12.86	165	40054	42.923	ng		91
52) Acenaphthene	13.23	154	144409	43.265	ng		99
53) 3-Nitroaniline	13.12	138	42199	42.133	ng		93
54) 2,4-Dinitrophenol	13.30	184	17469	48.480	ng		99
55) Dibenzofuran	13.52	168	233402	44.630	ng		96
56) 4-Nitrophenol	13.44	139	39504	55.158	ng		90
57) 2,4-Dinitrotoluene	13.52	165	56829	43.816	ng	#	94
58) Fluorene	14.07	166	188073	44.963	ng		97
59) 2,3,4,6-Tetrachlorophenol	13.73	232	47693	42.444	ng		96
60) Diethylphthalate	13.94	149	195490	41.242	ng		99
61) 4-Chlorophenyl-phenylether	14.09	204	101175	46.013	ng		97
62) 4-Nitroaniline	12.45	138	49973	43.086	ng		92
63) Azobenzene	14.35	77	194114	38.899	ng		94
65) 4,6-Dinitro-2-methylphenol	14.18	198	25875	50.333	ng		95
66) n-Nitrosodiphenylamine	14.29	169	156229	42.932	ng		99
67) 4-Bromophenyl-phenylether	14.89	248	60861	44.846	ng		96
68) Hexachlorobenzene	14.97	284	69731	45.134	ng		97
69) Atrazine	15.18	200	42476	32.495	ng		100
70) Pentachlorophenol	15.29	266	32290	40.755	ng		91
71) Phenanthrene	15.61	178	285527	43.599	ng		99
72) Anthracene	15.69	178	283563	43.740	ng		98
73) Carbazole	15.94	167	247950	42.899	ng		99
74) Di-n-butylphthalate	16.49	149	318211	40.118	ng		99
75) Fluoranthene	17.32	202	322842	44.087	ng		99
77) Benzidine	17.52	184	147448	52.146	ng		99
78) Pyrene	17.63	202	321568	42.645	ng		99
80) Butylbenzylphthalate	18.51	149	135359	38.504	ng		93
81) Benzo(a)anthracene	19.21	228	307535	43.457	ng		98
82) 3,3'-Dichlorobenzidine	19.17	252	113809	46.314	ng		99
83) Chrysene	19.26	228	299945	43.912	ng		100
84) Bis(2-ethylhexyl)phthalate	19.26	149	195965	37.988	ng		99
85) Di-n-octyl phthalate	20.04	149	322403	37.709	ng		97
86) Indeno(1,2,3-cd)pyrene	22.62	276	312539	42.366	ng		100
88) Benzo(b)fluoranthene	20.50	252	298679	44.741	ng		99
89) Benzo(k)fluoranthene	20.54	252	274717	43.200	ng		99
90) Benzo(a)pyrene	20.92	252	268195	44.101	ng		100
91) Dibenzo(a,h)anthracene	22.64	278	261034	43.901	ng		98
92) Benzo(g,h,i)perylene	23.10	276	243652	42.883	ng		99

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

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