Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050420\
Data File : BP002228.D
Acq On : 04 May 2020 17:16
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
5/6/2020 6:43:53 PM

Quant Time: May 04 17:48:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 04 17:20:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	194419	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	852007	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	541780	20.00	ng		0.00
64) Phenanthrene-d10	17.02	188	1194164	20.00	ng		0.00
76) Chrysene-d12	21.12	240	1190907	20.00	ng		0.00
87) Perylene-d12	23.32	264	1376863	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1156945	105.70	ng		0.00
7) Phenol-d6	6.80	99	1716265	121.98	ng		0.00
23) Nitrobenzene-d5	8.76	82	1657958	129.76	ng		0.00
42) 2,4,6-Tribromophenol	15.76	330	585934	91.34	ng		0.00
45) 2-Fluorobiphenyl	12.88	172	3498368	93.37	ng		0.00
79) Terphenyl-d14	19.60	244	4881784	89.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	245036	55.257	ng		99
3) Pyridine	3.56	79	804126	64.145	ng		99
4) n-Nitrosodimethylamine	3.48	42	296375	93.204	ng		97
6) Aniline	6.95	93	1174735	67.695	ng		100
8) 2-Chlorophenol	7.19	128	654957	50.213	ng		97
9) Benzaldehyde	6.76	77	430058	50.166	ng		99
10) Phenol	6.82	94	907681	62.481	ng		99
11) bis(2-Chloroethyl)ether	7.05	93	751844	60.045	ng		98
12) 1,3-Dichlorobenzene	7.51	146	724180	47.874	ng		98
13) 1,4-Dichlorobenzene	7.65	146	732169	48.065	ng		99
14) 1,2-Dichlorobenzene	7.96	146	714186	48.389	ng		99
15) Benzyl Alcohol	7.85	79	661376	82.556	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1041339	106.889	ng		99
17) 2-Methylphenol	8.06	107	664819	59.038	ng		99
18) Hexachloroethane	8.69	117	266588	49.378	ng		95
19) n-Nitroso-di-n-propylamine	8.42	70	600575	86.621	ng		98
20) 3+4-Methylphenols	8.39	107	922889	60.886	ng		97
22) Acetophenone	8.43	105	1073639	55.071	ng	#	98
24) Nitrobenzene	8.80	77	873172	64.782	ng		99
25) Isophorone	9.33	82	1783470	65.184	ng		99
26) 2-Nitrophenol	9.50	139	331338	56.147	ng		99
27) 2,4-Dimethylphenol	9.58	122	626491	53.312	ng		98
28) bis(2-Chloroethoxy)methane	9.82	93	1027390	62.690	ng		99
29) 2,4-Dichlorophenol	10.04	162	674088	52.049	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	726789	49.391	ng		97
31) Naphthalene	10.44	128	2254243	48.287	ng		100
32) Benzoic acid	9.72	122	411647	71.377	ng		99
33) 4-Chloroaniline	10.55	127	1046327	55.304	ng		98
34) Hexachlorobutadiene	10.75	225	411676	48.039	ng		98
35) Caprolactam	11.30	113	260358	92.498	ng		96
36) 4-Chloro-3-methylphenol	11.69	107	783061	60.450	ng		98
37) 2-Methylnaphthalene	12.06	142	1630714	50.601	ng		100
38) 1-Methylnaphthalene	12.28	142	1538766	50.153	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	793589	48.029	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	382941	48.130	ng	98
43) 2,4,6-Trichlorophenol	12.68	196	543620	50.262	ng	98
44) 2,4,5-Trichlorophenol	12.75	196	640378	50.323	ng	99
46) 1,1'-Biphenyl	13.09	154	2072807	46.283	ng	96
47) 2-Chloronaphthalene	13.12	162	1608685	46.387	ng	98
48) 2-Nitroaniline	13.32	65	514558	104.016	ng	98
49) Acenaphthylene	13.97	152	2637553	46.993	ng	99
50) Dimethylphthalate	13.73	163	2117835	51.581	ng	99
51) 2,6-Dinitrotoluene	13.83	165	449365	57.568	ng	99
52) Acenaphthene	14.32	154	1651296m	47.371	ng	
53) 3-Nitroaniline	14.16	138	537951	61.093	ng	100
54) 2,4-Dinitrophenol	14.36	184	179214	48.472	ng	96
55) Dibenzofuran	14.66	168	2486336	47.645	ng	99
56) 4-Nitrophenol	14.47	139	423202	54.747	ng	97
57) 2,4-Dinitrotoluene	14.62	165	600813	57.809	ng	99
58) Fluorene	15.32	166	1809615	45.622	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	511659	49.181	ng	100
60) Diethylphthalate	15.11	149	2121264	58.106	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	927618	48.935	ng	98
62) 4-Nitroaniline	15.33	138	504905	64.331	ng	98
63) Azobenzene	15.61	77	2202160	57.479	ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	247862	49.683	ng	98
66) n-Nitrosodiphenylamine	15.53	169	1738869	48.729	ng	98
67) 4-Bromophenyl-phenylether	16.22	248	636255	47.772	ng	98
68) Hexachlorobenzene	16.33	284	673818	45.636	ng	99
69) Atrazine	16.49	200	494519	56.928	ng	99
70) Pentachlorophenol	16.67	266	426030	47.072	ng	95
71) Phenanthrene	17.06	178	3230026	47.500	ng	100
72) Anthracene	17.15	178	3200570	47.339	ng	99
73) Carbazole	17.42	167	3216998	49.104	ng	97
74) Di-n-butylphthalate	18.01	149	3677778	97.180	ng	99
75) Fluoranthene	19.04	202	3899785	50.709	ng	99
77) Benzidine	19.22	184	1481268	136.402	ng	99
78) Pyrene	19.39	202	3996158	48.197	ng	97
80) Butylbenzylphthalate	20.29	149	1345952	141.566	ng	99
81) Benzo(a)anthracene	21.10	228	3831585	49.099	ng	98
82) 3,3'-Dichlorobenzidine	21.03	252	1478850	101.034	ng	97
83) Chrysene	21.15	228	3587986	46.522	ng	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	2322122	149.079	ng	97
85) Di-n-octyl phthalate	21.93	149	4372150	168.291	ng	100
86) Indeno(1,2,3-cd)pyrene	25.55	276	5176211	57.959	ng	99
88) Benzo(b)fluoranthene	22.66	252	4056965	46.179	ng	97
89) Benzo(k)fluoranthene	22.70	252	4139825	47.168	ng	99
90) Benzo(a)pyrene	23.23	252	4077190	49.822	ng	98
91) Dibenzo(a,h)anthracene	25.57	278	4201544	51.036	ng	98
92) Benzo(g,h,i)perylene	26.23	276	4351617	53.293	ng	98

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

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