Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001064.D
Acq On : 18 Nov 2019 17:02
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/19/2019 2:46:44 PM

Quant Time: Nov 19 04:37:18 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	186128	20.00	ng		-0.01
21) Naphthalene-d8	10.40	136	672457	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	406344	20.00	ng		-0.01
64) Phenanthrene-d10	15.65	188	829514	20.00	ng		0.00
76) Chrysene-d12	19.29	240	640999	20.00	ng		0.00
87) Perylene-d12	21.07	264	638120	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	822309	80.41	ng		0.00
7) Phenol-d6	7.82	99	1032988	79.88	ng		0.00
23) Nitrobenzene-d5	9.25	82	1066963	87.77	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	492186	101.46	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	2385997	88.44	ng		-0.01
79) Terphenyl-d14	17.93	244	3112515	96.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	156281	35.150	ng		95
3) Pyridine	3.66	79	404589	34.418	ng		97
4) n-Nitrosodimethylamine	3.59	42	182217	44.477	ng	#	79
6) Aniline	7.85	93	644825	38.182	ng	#	89
8) 2-Chlorophenol	8.03	128	455039	41.963	ng		95
9) Benzaldehyde	7.67	77	445686	49.398	ng		98
10) Phenol	7.83	94	571611	40.414	ng		76
11) bis(2-Chloroethyl)ether	7.98	93	411704	37.391	ng		97
12) 1,3-Dichlorobenzene	8.28	146	565286	41.552	ng		99
13) 1,4-Dichlorobenzene	8.39	146	572158	41.753	ng		98
14) 1,2-Dichlorobenzene	8.63	146	542500	42.809	ng		99
15) Benzyl Alcohol	8.60	79	430226	43.660	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.83	45	381390	33.167	ng		93
17) 2-Methylphenol	8.78	107	378958	41.162	ng		95
18) Hexachloroethane	9.17	117	220281	43.764	ng		96
19) n-Nitroso-di-n-propylamine	9.03	70	320440	41.269	ng		98
20) 3+4-Methylphenols	9.03	107	492195	43.093	ng		95
22) Acetophenone	9.02	105	736101	42.386	ng	#	98
24) Nitrobenzene	9.28	77	510540	41.854	ng		99
25) Isophorone	9.67	82	879334	39.299	ng		98
26) 2-Nitrophenol	9.79	139	237117	52.019	ng	#	93
27) 2,4-Dimethylphenol	9.88	122	342225	40.092	ng		95
28) bis(2-Chloroethoxy)methane	10.03	93	552862	37.790	ng		99
29) 2,4-Dichlorophenol	10.18	162	439229	42.631	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	532526	42.074	ng		98
31) Naphthalene	10.43	128	1388685	41.333	ng		100
32) Benzoic acid	10.07	122	265823	50.992	ng		100
33) 4-Chloroaniline	10.52	127	582645	40.441	ng		97
34) Hexachlorobutadiene	10.65	225	385612	46.113	ng		98
35) Caprolactam	11.12	113	130179	40.032	ng		93
36) 4-Chloro-3-methylphenol	11.33	107	476237	44.514	ng		97
37) 2-Methylnaphthalene	11.56	142	986178	41.937	ng		96
38) 1-Methylnaphthalene	11.72	142	926810	41.711	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	590906	43.673	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	332521	49.058	ng		99
43) 2,4,6-Trichlorophenol	12.02	196	356760	43.732	ng		96
44) 2,4,5-Trichlorophenol	12.08	196	385068	44.148	ng		97
46) 1,1'-Biphenyl	12.33	154	1275270	41.973	ng		98
47) 2-Chloronaphthalene	12.35	162	1032801	42.225	ng		96
48) 2-Nitroaniline	12.52	65	286668	44.777	ng		99
49) Acenaphthylene	13.03	152	1533973	41.253	ng		99
50) Dimethylphthalate	12.86	163	1287158	42.838	ng		99
51) 2,6-Dinitrotoluene	12.93	165	273541	43.644	ng		90
52) Acenaphthene	13.32	154	918558	41.302	ng		98
53) 3-Nitroaniline	13.20	138	278112	40.683	ng		98
54) 2,4-Dinitrophenol	13.37	184	104380	56.716	ng	#	79
55) Dibenzofuran	13.60	168	1440546	41.469	ng		94
56) 4-Nitrophenol	13.48	139	207684	43.687	ng	#	85
57) 2,4-Dinitrotoluene	13.59	165	366838	46.598	ng		94
58) Fluorene	14.16	166	1167298	42.223	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	343160	46.272	ng	#	93
60) Diethylphthalate	14.02	149	1299116	43.044	ng		98
61) 4-Chlorophenyl-phenylether	14.18	204	628988	43.030	ng		94
62) 4-Nitroaniline	12.52	138	327835	44.727	ng		95
63) Azobenzene	14.44	77	1042103	39.452	ng		98
65) 4,6-Dinitro-2-methylphenol	14.26	198	145066	54.055	ng		97
66) n-Nitrosodiphenylamine	14.37	169	993906	41.673	ng		98
67) 4-Bromophenyl-phenylether	14.97	248	422751	43.293	ng		95
68) Hexachlorobenzene	15.06	284	495526	43.788	ng		98
69) Atrazine	15.26	200	343056	39.504	ng		100
70) Pentachlorophenol	15.37	266	264181	52.445	ng		98
71) Phenanthrene	15.69	178	1773624	41.776	ng		100
72) Anthracene	15.77	178	1759206	42.477	ng		100
73) Carbazole	16.01	167	1551311	40.855	ng		99
74) Di-n-butylphthalate	16.56	149	2002491	43.697	ng		99
75) Fluoranthene	17.40	202	1997348	41.622	ng		98
77) Benzidine	17.58	184	690619	29.257	ng		100
78) Pyrene	17.70	202	1977614	43.656	ng		100
80) Butylbenzylphthalate	18.59	149	824306	45.955	ng		95
81) Benzo(a)anthracene	19.28	228	1784450	41.334	ng		100
82) 3,3'-Dichlorobenzidine	19.25	252	597867	37.983	ng		100
83) Chrysene	19.33	228	1627938	42.952	ng		99
84) Bis(2-ethylhexyl)phthalate	19.33	149	1044883	45.816	ng		99
85) Di-n-octyl phthalate	20.12	149	1693260	41.242	ng		99
86) Indeno(1,2,3-cd)pyrene	22.75	276	1702076	32.821	ng	#	95
88) Benzo(b)fluoranthene	20.58	252	1577522	41.473	ng		98
89) Benzo(k)fluoranthene	20.62	252	1544463m	43.134	ng		
90) Benzo(a)pyrene	21.00	252	1435007	41.028	ng	#	98
91) Dibenzo(a,h)anthracene	22.77	278	1390299	38.946	ng	#	96
92) Benzo(g,h,i)perylene	23.25	276	1337660	37.214	ng	#	95

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

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