Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001690.D
Acq On : 27 Jan 2020 14:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/28/2020 1:14:22 PM

Quant Time: Jan 28 11:08:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	18143	20.00	ng		-0.01
21) Naphthalene-d8	10.33	136	79079	20.00	ng		-0.01
39) Acenaphthene-d10	14.21	164	61225	20.00	ng		-0.01
64) Phenanthrene-d10	16.97	188	154542	20.00	ng		-0.01
76) Chrysene-d12	21.09	240	160023	20.00	ng		0.00
87) Perylene-d12	23.28	264	177839	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	79640	85.99	ng		0.00
7) Phenol-d6	6.75	99	131180	88.62	ng		-0.01
23) Nitrobenzene-d5	8.70	82	160652	88.77	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	62705	67.28	ng		-0.01
45) 2-Fluorobiphenyl	12.83	172	358779	86.16	ng		-0.01
79) Terphenyl-d14	19.57	244	676134	77.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	14531	49.161	ng		95
3) Pyridine	3.49	79	52021	48.705	ng		92
4) n-Nitrosodimethylamine	3.42	42	38293	50.585	ng	#	99
6) Aniline	6.89	93	83570	45.153	ng		98
8) 2-Chlorophenol	7.12	128	45957	42.502	ng		95
9) Benzaldehyde	6.70	77	36488	41.269	ng		96
10) Phenol	6.78	94	67735	44.236	ng		98
11) bis(2-Chloroethyl)ether	6.99	93	52285	43.538	ng		93
12) 1,3-Dichlorobenzene	7.44	146	54069m	39.780	ng		
13) 1,4-Dichlorobenzene	7.59	146	56668	40.320	ng		98
14) 1,2-Dichlorobenzene	7.90	146	54924	40.439	ng		97
15) Benzyl Alcohol	7.80	79	59531	42.706	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.09	45	110143	49.370	ng		96
17) 2-Methylphenol	8.01	107	46563	43.798	ng		97
18) Hexachloroethane	8.62	117	23665	43.132	ng		95
19) n-Nitroso-di-n-propylamine	8.36	70	52684	46.684	ng		94
20) 3+4-Methylphenols	8.34	107	64703	43.510	ng		97
22) Acetophenone	8.37	105	95184	42.938	ng	#	94
24) Nitrobenzene	8.74	77	80300	43.860	ng		94
25) Isophorone	9.26	82	143869	44.333	ng		97
26) 2-Nitrophenol	9.45	139	28742	41.541	ng		98
27) 2,4-Dimethylphenol	9.53	122	42698	41.308	ng		96
28) bis(2-Chloroethoxy)methane	9.76	93	82193	43.234	ng		97
29) 2,4-Dichlorophenol	9.99	162	54268	38.355	ng		95
30) 1,2,4-Trichlorobenzene	10.20	180	65854	38.556	ng		96
31) Naphthalene	10.38	128	166946	40.001	ng		99
32) Benzoic acid	9.84	122	4842m	9.398	ng		
33) 4-Chloroaniline	10.49	127	77329	40.242	ng		97
34) Hexachlorobutadiene	10.68	225	46318	38.308	ng		98
35) Caprolactam	11.25	113	20757	40.400	ng	#	77
36) 4-Chloro-3-methylphenol	11.65	107	67515	39.761	ng		97
37) 2-Methylnaphthalene	12.00	142	130619	39.271	ng		95
38) 1-Methylnaphthalene	12.23	142	125370	39.169	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	86940	41.453	ng		98

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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	12.37	237	45062	42.357	ng		99
43) 2,4,6-Trichlorophenol	12.63	196	49334	36.473	ng		99
44) 2,4,5-Trichlorophenol	12.71	196	51634	35.923	ng		95
46) 1,1'-Biphenyl	13.03	154	186972	42.617	ng		98
47) 2-Chloronaphthalene	13.07	162	152875	41.926	ng		99
48) 2-Nitroaniline	13.29	65	68967	48.142	ng		95
49) Acenaphthylene	13.93	152	233638	41.547	ng		99
50) Dimethylphthalate	13.68	163	202936	40.243	ng		98
51) 2,6-Dinitrotoluene	13.79	165	43128	40.330	ng		89
52) Acenaphthene	14.27	154	141947	40.756	ng		96
53) 3-Nitroaniline	14.12	138	44658	39.553	ng		93
54) 2,4-Dinitrophenol	14.34	184	21610	35.940	ng	#	76
55) Dibenzofuran	14.62	168	238955	40.573	ng		99
56) 4-Nitrophenol	14.46	139	39919	44.276	ng		89
57) 2,4-Dinitrotoluene	14.59	165	62381	39.868	ng		89
58) Fluorene	15.27	166	191522	40.187	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.85	232	48179m	32.460	ng		
60) Diethylphthalate	15.06	149	212532	40.977	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	108806	39.892	ng		96
62) 4-Nitroaniline	15.30	138	50514	39.241	ng		94
63) Azobenzene	15.57	77	235850	45.509	ng		94
65) 4,6-Dinitro-2-methylphenol	15.36	198	30550	36.564	ng		90
66) n-Nitrosodiphenylamine	15.49	169	170663	41.684	ng		98
67) 4-Bromophenyl-phenylether	16.17	248	69471	39.847	ng		96
68) Hexachlorobenzene	16.29	284	77979	38.497	ng		98
69) Atrazine	16.46	200	54652	36.346	ng		98
70) Pentachlorophenol	16.64	266	38992	34.857	ng		98
71) Phenanthrene	17.02	178	336030	39.982	ng		99
72) Anthracene	17.11	178	331759	40.549	ng		99
73) Carbazole	17.39	167	302361	39.363	ng		99
74) Di-n-butylphthalate	17.97	149	373535	41.103	ng		99
75) Fluoranthene	19.00	202	436939	39.510	ng		99
77) Benzidine	19.19	184	144558	39.563	ng		97
78) Pyrene	19.36	202	451427	38.403	ng		99
80) Butylbenzylphthalate	20.25	149	180878	40.485	ng		92
81) Benzo(a)anthracene	21.07	228	449571	40.340	ng		98
82) 3,3'-Dichlorobenzidine	21.01	252	164118	39.271	ng		97
83) Chrysene	21.12	228	438871	40.408	ng		99
84) Bis(2-ethylhexyl)phthalate	21.02	149	259789	42.417	ng		95
85) Di-n-octyl phthalate	21.89	149	442400	45.301	ng	#	93
86) Indeno(1,2,3-cd)pyrene	25.50	276	531650	41.818	ng	#	96
88) Benzo(b)fluoranthene	22.63	252	468812	41.834	ng		99
89) Benzo(k)fluoranthene	22.67	252	454119	41.562	ng		99
90) Benzo(a)pyrene	23.19	252	439886	41.342	ng	#	99
91) Dibenzo(a,h)anthracene	25.51	278	437907	39.888	ng	#	96
92) Benzo(g,h,i)perylene	26.17	276	438707	40.198	ng	#	96

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

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