Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
Data File : BP003091.D
Acq On : 24 Aug 2020 13:41
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
8/25/2020 4:17:52 PM

Quant Time: Aug 24 14:43:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:12:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	231704	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	860192	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	522176	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1119386	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1096365	20.00	ng	0.00
86) Perylene-d12	23.39	264	1265799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1497721	98.93	ng	0.00
7) Phenol-d6	6.85	99	1857557	88.38	ng	0.00
23) Nitrobenzene-d5	8.81	82	1435662	90.40	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	858553	132.29	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4055754	106.12	ng	0.00
79) Terphenyl-d14	19.63	244	5760025	105.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	283188	43.577	ng	99
3) Pyridine	3.59	79	756698m	41.794	ng	
4) n-Nitrosodimethylamine	3.51	42	201093	37.810	ng	95
6) Aniline	7.00	93	1022529	41.932	ng	99
8) 2-Chlorophenol	7.23	128	835035	51.731	ng	99
9) Benzaldehyde	6.80	77	400812	35.816	ng	99
10) Phenol	6.88	94	865854	40.903	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	682408	41.912	ng	98
12) 1,3-Dichlorobenzene	7.56	146	1010543	55.467	ng	100
13) 1,4-Dichlorobenzene	7.70	146	1020768	55.430	ng	99
14) 1,2-Dichlorobenzene	8.02	146	956147	54.445	ng	99
15) Benzyl Alcohol	7.90	79	553505	39.912	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	567404	37.093	ng	98
17) 2-Methylphenol	8.11	107	626902	46.345	ng	98
18) Hexachloroethane	8.74	117	340507	53.012	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	425430	35.128	ng	98
20) 3+4-Methylphenols	8.44	107	857621	47.042	ng	99
22) Acetophenone	8.48	105	1112509	45.839	ng	100
24) Nitrobenzene	8.85	77	699539	40.572	ng	100
25) Isophorone	9.38	82	1283101	37.606	ng	99
26) 2-Nitrophenol	9.56	139	453734	72.891	ng	100
27) 2,4-Dimethylphenol	9.63	122	634697	46.712	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	915891	48.115	ng	99
29) 2,4-Dichlorophenol	10.10	162	806698	56.411	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	918929	54.970	ng	99
31) Naphthalene	10.49	128	2587654	52.551	ng	100
32) Benzoic acid	9.80	122	518913	73.768	ng	96
33) 4-Chloroaniline	10.60	127	1118220	54.797	ng	99
34) Hexachlorobutadiene	10.79	225	555450	54.297	ng	99
35) Caprolactam	11.38	113	255394	57.720	ng	98
36) 4-Chloro-3-methylphenol	11.74	107	749275	50.405	ng	100
37) 2-Methylnaphthalene	12.11	142	1848186	52.765	ng	100
38) 1-Methylnaphthalene	12.33	142	1748470	53.029	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	920068	49.007	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	12.48	237	489985	50.310 ng	100
43) 2,4,6-Trichlorophenol	12.73	196	641508	58.956 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	672381	56.329 ng	98
46) 1,1'-Biphenyl	13.14	154	2287402	52.989 ng	99
47) 2-Chloronaphthalene	13.17	162	1872892	55.406 ng	99
48) 2-Nitroaniline	13.37	65	389835	53.195 ng	98
49) Acenaphthylene	14.03	152	2870285	54.143 ng	100
50) Dimethylphthalate	13.77	163	2347881	57.488 ng	99
51) 2,6-Dinitrotoluene	13.88	165	518455	62.635 ng	99
52) Acenaphthene	14.37	154	1741716	51.118 ng	99
53) 3-Nitroaniline	14.21	138	594427	69.096 ng	100
54) 2,4-Dinitrophenol	14.42	184	263360	83.829 ng	99
55) Dibenzofuran	14.71	168	2706025	51.776 ng	100
56) 4-Nitrophenol	14.53	139	460988	63.654 ng	98
57) 2,4-Dinitrotoluene	14.67	165	713839	67.776 ng	99
58) Fluorene	15.36	166	2022758	49.432 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	593688	59.609 ng	99
60) Diethylphthalate	15.15	149	2321105	58.161 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1041986	49.477 ng	98
62) 4-Nitroaniline	15.38	138	605253	70.572 ng	99
63) Azobenzene	15.65	77	1547225	38.511 ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	358279	68.935 ng	95
66) n-Nitrosodiphenylamine	15.57	169	1893437	51.073 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	718640	52.770 ng	99
68) Hexachlorobenzene	16.37	284	844867	53.636 ng	99
69) Atrazine	16.53	200	661826	52.693 ng	100
70) Pentachlorophenol	16.72	266	476445	58.329 ng	99
71) Phenanthrene	17.10	178	3490277	53.173 ng	99
72) Anthracene	17.19	178	3389806	52.838 ng	100
73) Carbazole	17.46	167	3301877	52.701 ng	100
74) Di-n-butylphthalate	18.04	149	3956483	60.031 ng	100
75) Fluoranthene	19.08	202	4043411	53.465 ng	99
77) Benzidine	19.26	184	1601044	47.890 ng	100
78) Pyrene	19.43	202	4214413	54.987 ng	99
80) Butylbenzylphthalate	20.32	149	1891990	67.764 ng	96
81) Benzo(a)anthracene	21.14	228	3991762	53.452 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	1534360	51.909 ng	99
83) Chrysene	21.19	228	3777268	53.620 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2630785	62.021 ng	98
85) Di-n-octyl phthalate	21.96	149	4716731	67.689 ng	100
87) Indeno(1,2,3-cd)pyrene	25.67	276	5595308	55.195 ng	99
88) Benzo(b)fluoranthene	22.72	252	4608595	51.594 ng	99
89) Benzo(k)fluoranthene	22.76	252	4277470	50.664 ng	99
90) Benzo(a)pyrene	23.29	252	4346789	53.855 ng	100
91) Dibenzo(a,h)anthracene	25.69	278	4538819	52.606 ng	100
92) Benzo(g,h,i)perylene	26.36	276	4506151	54.009 ng	99

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

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