Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060520\
Data File : BP002377.D
Acq On : 05 Jun 2020 15:06
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP060520

Manual Integrations APPROVED
mohammad
6/8/2020 12:52:53 PM

Quant Time: Jun 05 16:57:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	175281	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	726072	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	435957	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	946673	20.00	ng	0.00
76) Chrysene-d12	21.10	240	868697	20.00	ng	0.00
86) Perylene-d12	23.30	264	1258796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	818931	86.45	ng	0.00
7) Phenol-d6	6.78	99	1099814	87.21	ng	0.00
23) Nitrobenzene-d5	8.73	82	1061073	87.27	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	360773	86.43	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2220438	85.64	ng	0.00
79) Terphenyl-d14	19.59	244	3073831	93.84	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	189382	43.402	ng	100
3) Pyridine	3.55	79	511186m	43.104	ng	
4) n-Nitrosodimethylamine	3.46	42	210635	43.099	ng	96
6) Aniline	6.92	93	739589	43.120	ng	98
8) 2-Chlorophenol	7.16	128	459849	43.175	ng	99
9) Benzaldehyde	6.73	77	287546	44.538	ng	98
10) Phenol	6.80	94	592899	43.346	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	493746	43.235	ng	99
12) 1,3-Dichlorobenzene	7.48	146	525274	42.829	ng	98
13) 1,4-Dichlorobenzene	7.63	146	527484	42.748	ng	97
14) 1,2-Dichlorobenzene	7.94	146	510484	43.187	ng	99
15) Benzyl Alcohol	7.83	79	424036	43.380	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.13	45	689518	42.553	ng	99
17) 2-Methylphenol	8.04	107	431421	43.164	ng	97
18) Hexachloroethane	8.66	117	194223	43.206	ng	97
19) n-Nitroso-di-n-propylamine	8.40	70	370407	43.940	ng	98
20) 3+4-Methylphenols	8.37	107	589348	43.691	ng	98
22) Acetophenone	8.40	105	719852	44.129	ng	99
24) Nitrobenzene	8.77	77	565247	43.250	ng	99
25) Isophorone	9.30	82	1069731	43.200	ng	100
26) 2-Nitrophenol	9.49	139	253213	43.479	ng	99
27) 2,4-Dimethylphenol	9.56	122	397394	43.496	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	634015	42.986	ng	100
29) 2,4-Dichlorophenol	10.02	162	442482	43.024	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	487006	42.482	ng	100
31) Naphthalene	10.42	128	1448921	42.955	ng	100
32) Benzoic acid	9.70	122	307991	41.571	ng	98
33) 4-Chloroaniline	10.52	127	636043	43.192	ng	100
34) Hexachlorobutadiene	10.72	225	286127	42.770	ng	97
35) Caprolactam	11.28	113	154751	42.663	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	477787	42.936	ng	98
37) 2-Methylnaphthalene	12.04	142	1027174	42.903	ng	99
38) 1-Methylnaphthalene	12.26	142	971204	43.219	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	498364	43.366	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	262901	43.031 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	354414	43.577 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	410918	43.632 ng	99
46) 1,1'-Biphenyl	13.07	154	1252690	43.844 ng	98
47) 2-Chloronaphthalene	13.10	162	1014655	43.415 ng	99
48) 2-Nitroaniline	13.30	65	333653	44.721 ng	97
49) Acenaphthylene	13.96	152	1632347	43.760 ng	100
50) Dimethylphthalate	13.70	163	1290905	43.215 ng	99
51) 2,6-Dinitrotoluene	13.82	165	283453	43.694 ng	99
52) Acenaphthene	14.30	154	955561	43.728 ng	100
53) 3-Nitroaniline	14.15	138	323245	43.637 ng	94
54) 2,4-Dinitrophenol	14.35	184	155782	42.103 ng	97
55) Dibenzofuran	14.64	168	1525574	43.361 ng	99
56) 4-Nitrophenol	14.47	139	255812	43.494 ng	99
57) 2,4-Dinitrotoluene	14.61	165	387259	43.855 ng	98
58) Fluorene	15.29	166	1131145	40.875 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	325055	43.480 ng	100
60) Diethylphthalate	15.09	149	1286198	42.972 ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	592153	43.741 ng	100
62) 4-Nitroaniline	15.32	138	310186	43.581 ng	100
63) Azobenzene	15.59	77	1292651	43.387 ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	222000	44.440 ng	96
66) n-Nitrosodiphenylamine	15.52	169	1068827	44.197 ng	100
67) 4-Bromophenyl-phenylether	16.20	248	390753	43.572 ng	98
68) Hexachlorobenzene	16.31	284	406745	42.742 ng	96
69) Atrazine	16.48	200	346492	43.921 ng	100
70) Pentachlorophenol	16.66	266	249078	43.749 ng	97
71) Phenanthrene	17.04	178	1947771	43.984 ng	100
72) Anthracene	17.13	178	1941220	44.128 ng	100
73) Carbazole	17.40	167	1890119	43.676 ng	100
74) Di-n-butylphthalate	17.99	149	2210816	43.169 ng	100
75) Fluoranthene	19.02	202	2277607	43.088 ng	99
77) Benzidine	19.20	184	914656	47.120 ng	99
78) Pyrene	19.37	202	2358872	44.331 ng	99
80) Butylbenzylphthalate	20.27	149	1033155	43.678 ng	95
81) Benzo(a)anthracene	21.09	228	2183734	44.040 ng	100
82) 3,3'-Dichlorobenzidine	21.03	252	810084	43.960 ng	99
83) Chrysene	21.14	228	2060394	43.858 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1514275	44.010 ng	99
85) Di-n-octyl phthalate	21.91	149	2985809	49.476 ng	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	3475299	44.140 ng	96
88) Benzo(b)fluoranthene	22.64	252	2880678	42.436 ng	99
89) Benzo(k)fluoranthene	22.69	252	2719296	42.160 ng	100
90) Benzo(a)pyrene	23.21	252	2705791	42.534 ng	98
91) Dibenzo(a,h)anthracene	25.53	278	2844207	45.034 ng	98
92) Benzo(g,h,i)perylene	26.19	276	2880467	44.036 ng	95

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

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