Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP052720\
Data File : BP002299.D
Acq On : 27 May 2020 22:13
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP052720

Manual Integrations APPROVED
mohammad
5/29/2020 10:26:16 PM

Quant Time: May 28 03:35:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 03:14:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	260296	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	1084278	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	646982	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1347358	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1224405	20.00	ng	0.00
86) Perylene-d12	23.29	264	1341765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1223237	88.26	ng	0.00
7) Phenol-d6	6.79	99	1676137	88.90	ng	0.00
23) Nitrobenzene-d5	8.75	82	1599907	88.71	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	525201	85.65	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3194203	87.12	ng	0.00
79) Terphenyl-d14	19.58	244	4230803	83.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	276117	43.32	ng	100
3) Pyridine	3.56	79	766243	42.01	ng	99
4) n-Nitrosodimethylamine	3.48	42	311871	44.39	ng	99
6) Aniline	6.94	93	1143085	43.88	ng	98
8) 2-Chlorophenol	7.17	128	694280	43.78	ng	98
9) Benzaldehyde	6.75	77	484014	45.93	ng	99
10) Phenol	6.82	94	920864	44.39	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	757352	43.85	ng	99
12) 1,3-Dichlorobenzene	7.50	146	781388	43.00	ng	97
13) 1,4-Dichlorobenzene	7.64	146	791307	43.36	ng	98
14) 1,2-Dichlorobenzene	7.96	146	761921	43.66	ng	99
15) Benzyl Alcohol	7.85	79	648482	45.27	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1048528	44.00	ng	100
17) 2-Methylphenol	8.05	107	659195	44.49	ng	99
18) Hexachloroethane	8.68	117	287723	44.05	ng	96
19) n-Nitroso-di-n-propylamine	8.41	70	557897	44.62	ng	99
20) 3+4-Methylphenols	8.38	107	896734	44.54	ng	97
22) Acetophenone	8.42	105	1080932	43.66	ng	99
24) Nitrobenzene	8.79	77	867943	44.15	ng	99
25) Isophorone	9.32	82	1632545	44.08	ng	99
26) 2-Nitrophenol	9.50	139	380294	45.40	ng	98
27) 2,4-Dimethylphenol	9.57	122	592654	42.97	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	980339	43.50	ng	99
29) 2,4-Dichlorophenol	10.03	162	662221	43.57	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	727801	42.53	ng	100
31) Naphthalene	10.43	128	2203047	43.32	ng	100
32) Benzoic acid	9.71	122	463575	43.76	ng	97
33) 4-Chloroaniline	10.53	127	969985	43.43	ng	99
34) Hexachlorobutadiene	10.73	225	418614	41.94	ng	98
35) Caprolactam	11.30	113	238096	45.23	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	717257	43.82	ng	98
37) 2-Methylnaphthalene	12.05	142	1550414	43.48	ng	100
38) 1-Methylnaphthalene	12.27	142	1460541	43.15	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	731628	42.55	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	384335	42.04	ng		98
43) 2,4,6-Trichlorophenol	12.67	196	525794	44.17	ng		98
44) 2,4,5-Trichlorophenol	12.73	196	600694	43.48	ng		98
46) 1,1'-Biphenyl	13.07	154	1847439	43.58	ng		99
47) 2-Chloronaphthalene	13.11	162	1521418	43.50	ng		99
48) 2-Nitroaniline	13.31	65	503205	46.78	ng		99
49) Acenaphthylene	13.96	152	2422999	43.72	ng		99
50) Dimethylphthalate	13.72	163	1910671	43.63	ng		100
51) 2,6-Dinitrotoluene	13.82	165	427442	44.97	ng		100
52) Acenaphthene	14.31	154	1561505m	43.79	ng		
53) 3-Nitroaniline	14.15	138	487668	44.85	ng		99
54) 2,4-Dinitrophenol	14.36	184	220300	45.87	ng		96
55) Dibenzofuran	14.65	168	2290499	43.45	ng		99
56) 4-Nitrophenol	14.46	139	389030	45.27	ng		98
57) 2,4-Dinitrotoluene	14.61	165	581005	45.48	ng		98
58) Fluorene	15.30	166	1635857	41.84	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.88	232	485696	44.14	ng		92
60) Diethylphthalate	15.10	149	1884697	43.52	ng		98
61) 4-Chlorophenyl-phenylether	15.30	204	851566	41.27	ng		98
62) 4-Nitroaniline	15.32	138	455400	45.24	ng		98
63) Azobenzene	15.60	77	1976680	44.51	ng		100
65) 4,6-Dinitro-2-methylphenol	15.38	198	303488	45.55	ng		99
66) n-Nitrosodiphenylamine	15.52	169	1569412	44.36	ng		99
67) 4-Bromophenyl-phenylether	16.20	248	575035	43.43	ng		99
68) Hexachlorobenzene	16.32	284	602620	43.08	ng		99
69) Atrazine	16.48	200	518922	45.98	ng		99
70) Pentachlorophenol	16.66	266	381909	44.75	ng		99
71) Phenanthrene	17.04	178	2822686	44.23	ng		100
72) Anthracene	17.13	178	2806782	44.70	ng		99
73) Carbazole	17.40	167	2735095	44.54	ng		98
74) Di-n-butylphthalate	17.99	149	3199365	45.79	ng		100
75) Fluoranthene	19.02	202	3268377	44.46	ng		99
77) Benzidine	19.20	184	1207377m	48.56	ng		
78) Pyrene	19.37	202	3350901	43.95	ng		98
80) Butylbenzylphthalate	20.27	149	1355626	44.66	ng		94
81) Benzo(a)anthracene	21.08	228	3054944	43.59	ng		99
82) 3,3'-Dichlorobenzidine	21.02	252	1135344	46.23	ng	#	98
83) Chrysene	21.13	228	2932002	43.59	ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	2145384	46.25	ng	#	98
85) Di-n-octyl phthalate	21.90	149	3670981	47.62	ng		98
87) Indeno(1,2,3-cd)pyrene	25.50	276	3672309	44.22	ng	#	95
88) Benzo(b)fluoranthene	22.63	252	3260442	44.57	ng	#	98
89) Benzo(k)fluoranthene	22.67	252	3041775m	43.33	ng		
90) Benzo(a)pyrene	23.19	252	3045592	44.88	ng		98
91) Dibenzo(a,h)anthracene	25.52	278	2986374	44.10	ng	#	97
92) Benzo(g,h,i)perylene	26.17	276	3036255	43.96	ng	#	94

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

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