Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
Data File : BP003095.D
Acq On : 24 Aug 2020 17:20
Operator : CG/JU
Sample : L3506-10MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Manual Integrations APPROVED
mohammad
8/25/2020 4:18:00 PM

Quant Time: Aug 24 18:06:44 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 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	264667	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1036703	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	630269	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1350196	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1356502	20.00	ng	0.00
86) Perylene-d12	23.39	264	1475062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1700909	113.62	ng	0.00
7) Phenol-d6	6.85	99	1814752	96.71	ng	0.00
23) Nitrobenzene-d5	8.81	82	1280304	89.03	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1091445	128.04	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3593901	83.51	ng	0.00
79) Terphenyl-d14	19.64	244	4906919	79.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	221290	38.667	ng	# 53
3) Pyridine	3.61	79	424942	28.214	ng	99
4) n-Nitrosodimethylamine	3.52	42	184146	46.821	ng	93
6) Aniline	7.00	93	430099	21.051	ng	100
8) 2-Chlorophenol	7.23	128	831625	49.832	ng	98
9) Benzaldehyde	6.80	77	313363	35.818	ng	99
10) Phenol	6.88	94	731342	42.054	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	655791	47.644	ng	99
12) 1,3-Dichlorobenzene	7.56	146	945745	46.607	ng	100
13) 1,4-Dichlorobenzene	7.70	146	957185	46.725	ng	99
14) 1,2-Dichlorobenzene	8.02	146	911215	46.918	ng	99
15) Benzyl Alcohol	7.90	79	552978	52.301	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	519485	44.536	ng	100
17) 2-Methylphenol	8.12	107	605336	48.862	ng	98
18) Hexachloroethane	8.74	117	316382	47.208	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	404707	47.735	ng	99
20) 3+4-Methylphenols	8.44	107	804847	48.217	ng	99
22) Acetophenone	8.48	105	1054927	45.693	ng	100
24) Nitrobenzene	8.85	77	671478	47.540	ng	99
25) Isophorone	9.38	82	1278905	50.404	ng	99
26) 2-Nitrophenol	9.56	139	454990	54.046	ng	100
27) 2,4-Dimethylphenol	9.63	122	705281	55.729	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	847537	44.847	ng	99
29) 2,4-Dichlorophenol	10.10	162	794722	50.615	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	856757	45.828	ng	99
31) Naphthalene	10.49	128	2479794	46.558	ng	99
32) Benzoic acid	9.79	122	399163	42.126	ng	97
33) 4-Chloroaniline	10.60	127	161207	7.244	ng	99
34) Hexachlorobutadiene	10.79	225	507080	45.195	ng	98
35) Caprolactam	11.38	113	197167m	41.787	ng	
36) 4-Chloro-3-methylphenol	11.75	107	750235	51.175	ng	99
37) 2-Methylnaphthalene	12.12	142	1805605	47.389	ng	99
38) 1-Methylnaphthalene	12.33	142	1689563	46.654	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	881641	47.195	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	939618	106.405 ng	100
43) 2,4,6-Trichlorophenol	12.73	196	632295	51.476 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	688145	52.964 ng	99
46) 1,1'-Biphenyl	13.14	154	2268396	47.983 ng	99
47) 2-Chloronaphthalene	13.17	162	1737226	44.892 ng	99
48) 2-Nitroaniline	13.37	65	352375	48.633 ng	95
49) Acenaphthylene	14.02	152	2838111	48.502 ng	99
50) Dimethylphthalate	13.77	163	2281241	47.463 ng	100
51) 2,6-Dinitrotoluene	13.88	165	513736	51.429 ng	99
52) Acenaphthene	14.37	154	1645434	45.772 ng	100
53) 3-Nitroaniline	14.20	138	228766	20.213 ng	96
54) 2,4-Dinitrophenol	14.42	184	428093	78.601 ng	100
55) Dibenzofuran	14.71	168	2622695	46.455 ng	99
56) 4-Nitrophenol	14.53	139	831656	102.141 ng	98
57) 2,4-Dinitrotoluene	14.67	165	702097	52.273 ng	98
58) Fluorene	15.36	166	1969000	45.275 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	607303	51.663 ng	99
60) Diethylphthalate	15.15	149	2433397	51.604 ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1003096	44.663 ng	98
62) 4-Nitroaniline	15.38	138	511138	43.936 ng	98
63) Azobenzene	15.65	77	1495422	47.782 ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	350360	54.259 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1883002	47.695 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	701778	47.095 ng	99
68) Hexachlorobenzene	16.37	284	822741	46.375 ng	98
69) Atrazine	16.53	200	600855	45.124 ng	100
70) Pentachlorophenol	16.72	266	1048498	123.589 ng	99
71) Phenanthrene	17.10	178	3379743	46.195 ng	99
72) Anthracene	17.19	178	3441882	49.156 ng	100
73) Carbazole	17.46	167	3283146	48.856 ng	99
74) Di-n-butylphthalate	18.04	149	3994419	50.565 ng	100
75) Fluoranthene	19.08	202	4014199	47.472 ng	99
77) Benzidine	19.26	184	776554	25.048 ng	97
78) Pyrene	19.43	202	4057601	46.088 ng	99
80) Butylbenzylphthalate	20.32	149	1881184	51.895 ng	95
81) Benzo(a)anthracene	21.14	228	4029606	47.424 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	730217	23.363 ng	100
83) Chrysene	21.19	228	3796967	46.672 ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2731139	52.171 ng	99
85) Di-n-octyl phthalate	21.96	149	4738822	52.798 ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	4703431	42.758 ng	99
88) Benzo(b)fluoranthene	22.72	252	4293391	46.830 ng	99
89) Benzo(k)fluoranthene	22.76	252	4137382	47.233 ng	99
90) Benzo(a)pyrene	23.29	252	3905573	45.919 ng	99
91) Dibenzo(a,h)anthracene	25.68	278	3943515	43.640 ng	100
92) Benzo(g,h,i)perylene	26.36	276	4046722	44.624 ng	99

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

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