Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
Data File : BP002803.D
Acq On : 20 Jul 2020 16:37
Operator : CG/JU
Sample : L3177-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-05-071720MS

Manual Integrations APPROVED
mohammad
7/21/2020 11:33:10 AM

Quant Time: Jul 20 17:11:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	107508	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	454356	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	288737	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	640140	20.00	ng	0.00
76) Chrysene-d12	21.07	240	601261	20.00	ng	0.00
86) Perylene-d12	23.26	264	594589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	830518	130.34	ng	0.00
7) Phenol-d6	6.76	99	1038577	114.21	ng	0.00
23) Nitrobenzene-d5	8.69	82	763374	89.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	405129	134.42	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1398140	74.91	ng	0.00
79) Terphenyl-d14	19.55	244	2044178	77.95	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	112573	40.522	ng	# 31
3) Pyridine	3.51	79	342048	41.315	ng	99
4) n-Nitrosodimethylamine	3.42	42	161244	51.700	ng	95
6) Aniline	6.88	93	428458	37.217	ng	99
8) 2-Chlorophenol	7.12	128	376409	53.094	ng	99
9) Benzaldehyde	6.69	77	94896	19.206	ng	98
10) Phenol	6.78	94	447539	48.041	ng	97
11) bis(2-Chloroethyl)ether	6.98	93	383502	49.495	ng	99
12) 1,3-Dichlorobenzene	7.44	146	384485	47.296	ng	98
13) 1,4-Dichlorobenzene	7.58	146	391410	47.976	ng	100
14) 1,2-Dichlorobenzene	7.89	146	382720	48.646	ng	100
15) Benzyl Alcohol	7.79	79	355776	58.462	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	525291	47.138	ng	99
17) 2-Methylphenol	8.02	107	330056	49.732	ng	99
18) Hexachloroethane	8.61	117	133954	46.356	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	287944	51.995	ng	99
20) 3+4-Methylphenols	8.34	107	428536	48.833	ng	96
22) Acetophenone	8.36	105	545399	48.692	ng	# 97
24) Nitrobenzene	8.74	77	457623	49.740	ng	99
25) Isophorone	9.26	82	851704	49.191	ng	100
26) 2-Nitrophenol	9.45	139	204452	51.450	ng	99
27) 2,4-Dimethylphenol	9.53	122	345985	53.629	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	520067	49.452	ng	100
29) 2,4-Dichlorophenol	9.99	162	373521	52.515	ng	100
30) 1,2,4-Trichlorobenzene	10.19	180	380151	46.662	ng	99
31) Naphthalene	10.37	128	1138229	47.450	ng	100
32) Benzoic acid	9.72	122	175416	37.037	ng	97
33) 4-Chloroaniline	10.49	127	138929	13.516	ng	98
34) Hexachlorobutadiene	10.66	225	210835	44.774	ng	98
35) Caprolactam	11.27	113	110517m	44.439	ng	
36) 4-Chloro-3-methylphenol	11.65	107	417203	54.416	ng	100
37) 2-Methylnaphthalene	11.99	142	828166	48.925	ng	99
38) 1-Methylnaphthalene	12.22	142	786852	49.146	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	416256	46.909	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	118401	34.758 ng	99
43) 2,4,6-Trichlorophenol	12.63	196	298214	52.504 ng	98
44) 2,4,5-Trichlorophenol	12.72	196	320009	48.576 ng	97
46) 1,1'-Biphenyl	13.03	154	1015302	47.167 ng	99
47) 2-Chloronaphthalene	13.06	162	811092	46.391 ng	98
48) 2-Nitroaniline	13.27	65	299774	55.468 ng	96
49) Acenaphthylene	13.92	152	1324661	48.061 ng	100
50) Dimethylphthalate	13.67	163	1150727	52.258 ng	99
51) 2,6-Dinitrotoluene	13.79	165	237014	50.276 ng	96
52) Acenaphthene	14.27	154	784076	47.600 ng	99
53) 3-Nitroaniline	14.12	138	134440	25.489 ng	95
54) 2,4-Dinitrophenol	14.35	184	92324	41.490 ng	96
55) Dibenzofuran	14.60	168	1226676	46.433 ng	98
56) 4-Nitrophenol	14.47	139	366775	86.357 ng	95
57) 2,4-Dinitrotoluene	14.59	165	319333	51.434 ng	93
58) Fluorene	15.26	166	938582	48.014 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	289619	55.772 ng	98
60) Diethylphthalate	15.05	149	1011147	47.361 ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	462833	44.560 ng	98
62) 4-Nitroaniline	15.29	138	222077	39.659 ng	97
63) Azobenzene	15.56	77	1110155	50.572 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	75215	22.767 ng	97
66) n-Nitrosodiphenylamine	15.48	169	892323	47.188 ng	99
67) 4-Bromophenyl-phenylether	16.16	248	319905	45.878 ng	96
68) Hexachlorobenzene	16.28	284	357342	48.639 ng	99
69) Atrazine	16.45	200	287674	55.724 ng	99
70) Pentachlorophenol	16.63	266	404182	110.608 ng	97
71) Phenanthrene	17.00	178	1606396	46.348 ng	100
72) Anthracene	17.10	178	1653535	48.617 ng	100
73) Carbazole	17.37	167	1588288	47.588 ng	98
74) Di-n-butylphthalate	17.95	149	1830190	50.562 ng	100
75) Fluoranthene	18.99	202	2004035	49.901 ng	99
77) Benzidine	19.18	184	1170010	78.506 ng	99
78) Pyrene	19.35	202	2040374	49.150 ng	100
80) Butylbenzylphthalate	20.23	149	880434	53.745 ng	94
81) Benzo(a)anthracene	21.06	228	1922394	49.392 ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	677074	52.527 ng	100
83) Chrysene	21.12	228	1790353	48.324 ng	98
84) Bis(2-ethylhexyl)phthalate	21.00	149	1149312	50.443 ng	100
85) Di-n-octyl phthalate	21.87	149	2213513	54.037 ng	99
87) Indeno(1,2,3-cd)pyrene	25.48	276	2009400	46.758 ng	99
88) Benzo(b)fluoranthene	22.62	252	1917136	51.926 ng	99
89) Benzo(k)fluoranthene	22.66	252	1856641	51.054 ng	100
90) Benzo(a)pyrene	23.17	252	1742119	49.793 ng	100
91) Dibenzo(a,h)anthracene	25.49	278	1663228	47.990 ng	99
92) Benzo(g,h,i)perylene	26.15	276	1649250	46.934 ng	99

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

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