Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062920\
Data File : BP002568.D
Acq On : 29 Jun 2020 13:07
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
6/30/2020 4:15:49 PM

Quant Time: Jun 29 16:58:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:15:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	113107	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	441226	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	272053	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	590955	20.00	ng	0.00
76) Chrysene-d12	21.09	240	509128	20.00	ng	0.00
86) Perylene-d12	23.29	264	579816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	997331	149.29	ng	0.00
7) Phenol-d6	6.78	99	1416455	151.91	ng	0.00
23) Nitrobenzene-d5	8.72	82	1369852	159.97	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	494025	149.30	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2682722	145.14	ng	0.00
79) Terphenyl-d14	19.57	244	3369996	142.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	214371	74.871	ng	100
3) Pyridine	3.52	79	673034m	81.997	ng	
4) n-Nitrosodimethylamine	3.45	42	284192	78.895	ng	99
6) Aniline	6.91	93	909105	77.612	ng	99
8) 2-Chlorophenol	7.15	128	563575	75.945	ng	97
9) Benzaldehyde	6.72	77	302133	62.381	ng	99
10) Phenol	6.80	94	724709	77.073	ng	99
11) bis(2-Chloroethyl)ether	7.01	93	590039	76.455	ng	99
12) 1,3-Dichlorobenzene	7.46	146	643506	75.149	ng	99
13) 1,4-Dichlorobenzene	7.61	146	658853	75.523	ng	99
14) 1,2-Dichlorobenzene	7.92	146	625536	74.492	ng	99
15) Benzyl Alcohol	7.82	79	570616	81.444	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.11	45	827856	76.992	ng	99
17) 2-Methylphenol	8.03	107	546848	77.699	ng	99
18) Hexachloroethane	8.64	117	241034	76.554	ng	97
19) n-Nitroso-di-n-propylamine	8.39	70	455791	74.504	ng	99
20) 3+4-Methylphenols	8.36	107	741884	78.186	ng	97
22) Acetophenone	8.39	105	854476	76.512	ng	99
24) Nitrobenzene	8.76	77	729139	80.443	ng	99
25) Isophorone	9.29	82	1370703	79.863	ng	100
26) 2-Nitrophenol	9.47	139	346080	83.719	ng	99
27) 2,4-Dimethylphenol	9.55	122	503689	80.412	ng	100
28) bis(2-Chloroethoxy)methane	9.77	93	773140	78.419	ng	100
29) 2,4-Dichlorophenol	10.01	162	579333	80.251	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	637658	78.460	ng	99
31) Naphthalene	10.40	128	1815984	77.748	ng	100
32) Benzoic acid	9.75	122	440919	102.724	ng	98
33) 4-Chloroaniline	10.51	127	825396	80.788	ng	99
34) Hexachlorobutadiene	10.69	225	393211	79.045	ng	97
35) Caprolactam	11.30	113	201826	83.170	ng	98
36) 4-Chloro-3-methylphenol	11.66	107	634338	80.172	ng	98
37) 2-Methylnaphthalene	12.02	142	1314214	77.168	ng	98
38) 1-Methylnaphthalene	12.24	142	1221849	76.177	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	675938	79.570	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	357424	99.948	ng	96
43) 2,4,6-Trichlorophenol	12.65	196	478624	83.270	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	555042	83.884	ng	98
46) 1,1'-Biphenyl	13.05	154	1582059	76.878	ng	100
47) 2-Chloronaphthalene	13.09	162	1291601	77.103	ng	99
48) 2-Nitroaniline	13.30	65	453860	84.927	ng	97
49) Acenaphthylene	13.95	152	2026318	76.860	ng	98
50) Dimethylphthalate	13.70	163	1643338	76.908	ng	99
51) 2,6-Dinitrotoluene	13.81	165	373916	81.025	ng	99
52) Acenaphthene	14.29	154	1186841	76.302	ng	100
53) 3-Nitroaniline	14.14	138	420249	83.635	ng	100
54) 2,4-Dinitrophenol	14.35	184	234030	96.028	ng	97
55) Dibenzofuran	14.63	168	1875739	74.413	ng	98
56) 4-Nitrophenol	14.47	139	318660	90.713	ng	99
57) 2,4-Dinitrotoluene	14.60	165	506365	81.568	ng	98
58) Fluorene	15.29	166	1335307	69.555	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	426116	79.721	ng	99
60) Diethylphthalate	15.07	149	1595687	75.100	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	718269	69.766	ng	99
62) 4-Nitroaniline	15.31	138	411405	81.917	ng	98
63) Azobenzene	15.58	77	1575208	76.672	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	314218	92.679	ng	99
66) n-Nitrosodiphenylamine	15.50	169	1292669	74.931	ng	99
67) 4-Bromophenyl-phenylether	16.18	248	513822	77.373	ng	97
68) Hexachlorobenzene	16.30	284	549317	77.212	ng	97
69) Atrazine	16.47	200	405463	73.248	ng	99
70) Pentachlorophenol	16.65	266	325356	91.990	ng	96
71) Phenanthrene	17.03	178	2342477	73.673	ng	99
72) Anthracene	17.12	178	2344287	74.092	ng	99
73) Carbazole	17.39	167	2268645	74.191	ng	99
74) Di-n-butylphthalate	17.97	149	2722180	75.591	ng	99
75) Fluoranthene	19.02	202	2804570	72.871	ng	99
78) Pyrene	19.37	202	2842050	82.011	ng	99
80) Butylbenzylphthalate	20.26	149	1248657	82.533	ng	98
81) Benzo(a)anthracene	21.08	228	2600178	78.118	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	946840	77.699	ng	97
83) Chrysene	21.13	228	2433587	76.246	ng	100
84) Bis(2-ethylhexyl)phthalate	21.03	149	1691569	77.863	ng	100
85) Di-n-octyl phthalate	21.89	149	3043069	79.305	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	3303774	79.137	ng	99
88) Benzo(b)fluoranthene	22.63	252	2874617	77.697	ng	99
89) Benzo(k)fluoranthene	22.68	252	2566926	74.371	ng	99
90) Benzo(a)pyrene	23.20	252	2587024	76.198	ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2596084	76.101	ng	99
92) Benzo(g,h,i)perylene	26.19	276	2731177	80.053	ng	97

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

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