Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002822.D
Acq On : 22 Jul 2020 12:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 22 15:14:01 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	114326	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	408743	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	236796	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	485550	20.00	ng	0.00
76) Chrysene-d12	21.07	240	444018	20.00	ng	0.00
86) Perylene-d12	23.26	264	488419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	545608	80.52	ng	0.00
7) Phenol-d6	6.75	99	729845	75.47	ng	0.00
23) Nitrobenzene-d5	8.69	82	655077	85.72	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	209713	84.84	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1224483	79.99	ng	-0.01
79) Terphenyl-d14	19.55	244	1577324	81.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	125777	42.575	ng	98
3) Pyridine	3.50	79	347049	39.419	ng	99
4) n-Nitrosodimethylamine	3.42	42	136608	41.189	ng	93
6) Aniline	6.88	93	458276	37.433	ng	99
8) 2-Chlorophenol	7.12	128	288532	38.271	ng	99
9) Benzaldehyde	6.70	77	201850	38.417	ng	98
10) Phenol	6.78	94	374800	37.834	ng	99
11) bis(2-Chloroethyl)ether	6.98	93	312492	37.925	ng	99
12) 1,3-Dichlorobenzene	7.44	146	336128	38.882	ng	98
13) 1,4-Dichlorobenzene	7.58	146	335879	38.714	ng	99
14) 1,2-Dichlorobenzene	7.89	146	318289	38.044	ng	99
15) Benzyl Alcohol	7.79	79	256831	39.687	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.08	45	448375	37.837	ng	99
17) 2-Methylphenol	8.01	107	265168	37.572	ng	98
18) Hexachloroethane	8.61	117	125723	40.913	ng	99
19) n-Nitroso-di-n-propylamine	8.35	70	217710	36.968	ng	97
20) 3+4-Methylphenols	8.34	107	346048	37.082	ng	97
22) Acetophenone	8.36	105	407056	40.396	ng	97
24) Nitrobenzene	8.73	77	348734	42.134	ng	98
25) Isophorone	9.26	82	628245	40.334	ng	99
26) 2-Nitrophenol	9.45	139	154062	43.096	ng	97
27) 2,4-Dimethylphenol	9.53	122	233837	40.291	ng	98
28) bis(2-Chloroethoxy)methane	9.75	93	380590	40.228	ng	100
29) 2,4-Dichlorophenol	9.99	162	260715	40.745	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	296932	40.514	ng	99
31) Naphthalene	10.37	128	848028	39.297	ng	100
32) Benzoic acid	9.70	122	113460	28.613	ng	99
33) 4-Chloroaniline	10.49	127	364725	39.442	ng	97
34) Hexachlorobutadiene	10.66	225	178510	42.140	ng	97
35) Caprolactam	11.26	113	83718	37.420	ng	99
36) 4-Chloro-3-methylphenol	11.65	107	265167	38.446	ng	100
37) 2-Methylnaphthalene	11.99	142	584747	38.399	ng	99
38) 1-Methylnaphthalene	12.22	142	549474	38.149	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	297142	40.831	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	118037	40.649 ng	99
43) 2,4,6-Trichlorophenol	12.63	196	186920	40.128 ng	99
44) 2,4,5-Trichlorophenol	12.72	196	212859	39.398 ng	97
46) 1,1'-Biphenyl	13.02	154	699728	39.637 ng	99
47) 2-Chloronaphthalene	13.06	162	576474	40.204 ng	99
48) 2-Nitroaniline	13.27	65	193073	43.561 ng	94
49) Acenaphthylene	13.92	152	901040	39.862 ng	98
50) Dimethylphthalate	13.67	163	688411	38.120 ng	100
51) 2,6-Dinitrotoluene	13.79	165	151060	39.072 ng	94
52) Acenaphthene	14.26	154	527503	39.048 ng	98
53) 3-Nitroaniline	14.12	138	175956	40.678 ng	95
54) 2,4-Dinitrophenol	14.35	184	85298	45.302 ng	99
55) Dibenzofuran	14.60	168	834080	38.497 ng	98
56) 4-Nitrophenol	14.48	139	127360	39.431 ng	96
57) 2,4-Dinitrotoluene	14.59	165	202935	39.856 ng	92
58) Fluorene	15.26	166	630502	39.329 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.85	232	159588	37.473 ng	98
60) Diethylphthalate	15.05	149	673465	38.463 ng	99
61) 4-Chlorophenyl-phenylether	15.26	204	347266	40.767 ng	99
62) 4-Nitroaniline	15.29	138	174385	38.033 ng	99
63) Azobenzene	15.55	77	722773	40.147 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	104970	37.467 ng	99
66) n-Nitrosodiphenylamine	15.47	169	589236	41.081 ng	96
67) 4-Bromophenyl-phenylether	16.16	248	213417	40.351 ng	97
68) Hexachlorobenzene	16.28	284	226215	40.594 ng	99
69) Atrazine	16.44	200	146572	37.431 ng	97
70) Pentachlorophenol	16.63	266	87421	36.860 ng	95
71) Phenanthrene	17.00	178	1039985	39.559 ng	99
72) Anthracene	17.10	178	1042318	40.403 ng	97
73) Carbazole	17.37	167	1029237	40.656 ng	99
74) Di-n-butylphthalate	17.95	149	1207646	43.985 ng	100
75) Fluoranthene	18.99	202	1255545	41.217 ng	97
77) Benzidine	19.17	184	444863	40.421 ng	99
78) Pyrene	19.35	202	1286530	41.966 ng	99
80) Butylbenzylphthalate	20.23	149	560069	46.296 ng	98
81) Benzo(a)anthracene	21.06	228	1152901	40.111 ng	99
82) 3,3'-Dichlorobenzidine	20.99	252	413137	43.402 ng	98
83) Chrysene	21.11	228	1100870	40.237 ng	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	735269	43.699 ng	99
85) Di-n-octyl phthalate	21.86	149	1363861	45.086 ng	100
87) Indeno(1,2,3-cd)pyrene	25.48	276	1450450	41.088 ng	99
88) Benzo(b)fluoranthene	22.61	252	1239636	40.874 ng	100
89) Benzo(k)fluoranthene	22.66	252	1180750	39.526 ng	98
90) Benzo(a)pyrene	23.17	252	1152377	40.097 ng	99
91) Dibenzo(a,h)anthracene	25.49	278	1188163	41.735 ng	99
92) Benzo(g,h,i)perylene	26.15	276	1190600	41.247 ng	99

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

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