Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002523.D
Acq On : 24 Jun 2020 15:19
Operator : CG/JU
Sample : L3090-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 359-ROMSD

Quant Time: Jun 24 17:13:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	174654	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	651028	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	350262	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	683034	20.00	ng	0.00
76) Chrysene-d12	21.09	240	617835	20.00	ng	0.00
86) Perylene-d12	23.29	264	746489	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1493075	158.19	ng	0.00
7) Phenol-d6	6.78	99	1950325	155.20	ng	0.00
23) Nitrobenzene-d5	8.73	82	1341908	123.09	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	585774	174.67	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2514295	120.70	ng	0.00
79) Terphenyl-d14	19.57	244	3079096	149.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	173219	39.841	ng	98
3) Pyridine	3.53	79	478856	40.523	ng	99
4) n-Nitrosodimethylamine	3.45	42	226698	46.552	ng	99
6) Aniline	6.92	93	623276	36.469	ng	100
8) 2-Chlorophenol	7.15	128	456301	42.996	ng	98
9) Benzaldehyde	6.73	77	220079	30.864	ng	99
10) Phenol	6.80	94	566246	41.546	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	454031	39.900	ng	99
12) 1,3-Dichlorobenzene	7.47	146	514521	42.102	ng	98
13) 1,4-Dichlorobenzene	7.62	146	522178	42.470	ng	98
14) 1,2-Dichlorobenzene	7.93	146	489656	41.574	ng	99
15) Benzyl Alcohol	7.82	79	393864	40.438	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	618231	38.290	ng	100
17) 2-Methylphenol	8.03	107	374902	37.644	ng	100
18) Hexachloroethane	8.65	117	194982	43.530	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	328268	39.081	ng	99
20) 3+4-Methylphenols	8.36	107	496217	36.918	ng	97
22) Acetophenone	8.40	105	635416	43.443	ng	99
24) Nitrobenzene	8.77	77	520545	44.421	ng	100
25) Isophorone	9.29	82	898392	40.463	ng	99
26) 2-Nitrophenol	9.47	139	241852	46.315	ng	98
27) 2,4-Dimethylphenol	9.55	122	374587	45.726	ng	98
28) bis(2-Chloroethoxy)methane	9.78	93	565538	42.763	ng	100
29) 2,4-Dichlorophenol	10.01	162	401874	43.580	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	460865	44.835	ng	97
31) Naphthalene	10.40	128	1315925	43.509	ng	99
32) Benzoic acid	9.70	122	249367	37.985	ng	99
33) 4-Chloroaniline	10.51	127	374669	28.376	ng	98
34) Hexachlorobutadiene	10.70	225	272535	45.434	ng	97
35) Caprolactam	11.28	113	115126	35.397	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	401698	40.260	ng	100
37) 2-Methylnaphthalene	12.02	142	915798	42.660	ng	100
38) 1-Methylnaphthalene	12.25	142	852200	42.294	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	442026	47.874	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	544021	110.828 ng	100
43) 2,4,6-Trichlorophenol	12.65	196	302362	46.272 ng	99
44) 2,4,5-Trichlorophenol	12.72	196	318096	42.040 ng	99
46) 1,1'-Biphenyl	13.06	154	1072200	46.708 ng	100
47) 2-Chloronaphthalene	13.09	162	854593	45.512 ng	99
48) 2-Nitroaniline	13.30	65	258215	43.077 ng	99
49) Acenaphthylene	13.95	152	1308584	43.663 ng	100
50) Dimethylphthalate	13.70	163	1254064	52.253 ng	100
51) 2,6-Dinitrotoluene	13.80	165	219312	42.077 ng	97
52) Acenaphthene	14.29	154	774080	44.090 ng	96
53) 3-Nitroaniline	14.13	138	163910	27.541 ng	96
54) 2,4-Dinitrophenol	14.35	184	237802	77.488 ng	95
55) Dibenzofuran	14.63	168	1200409	42.467 ng	98
56) 4-Nitrophenol	14.47	139	362563	76.727 ng	97
57) 2,4-Dinitrotoluene	14.60	165	285487	40.240 ng	98
58) Fluorene	15.29	166	899213	40.444 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	262454	43.696 ng	99
60) Diethylphthalate	15.07	149	950815	39.539 ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	455036	41.294 ng	99
62) 4-Nitroaniline	15.30	138	211428	36.973 ng	99
63) Azobenzene	15.58	77	988535	41.297 ng	100
65) 4,6-Dinitro-2-methylphenol	15.37	198	166732	46.259 ng	98
66) n-Nitrosodiphenylamine	15.50	169	813591	46.628 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	288808	44.635 ng	99
68) Hexachlorobenzene	16.30	284	314058	45.741 ng	98
69) Atrazine	16.47	200	251884	44.252 ng	99
70) Pentachlorophenol	16.65	266	375778	91.479 ng	99
71) Phenanthrene	17.03	178	1441272	45.109 ng	99
72) Anthracene	17.12	178	1458565	45.953 ng	100
73) Carbazole	17.39	167	1314860	42.111 ng	98
74) Di-n-butylphthalate	17.97	149	1611172	43.603 ng	100
75) Fluoranthene	19.01	202	1688402	44.270 ng	98
77) Benzidine	19.20	184	796028	57.660 ng	99
78) Pyrene	19.36	202	1684871	44.521 ng	99
80) Butylbenzylphthalate	20.26	149	713005	42.383 ng	100
81) Benzo(a)anthracene	21.07	228	1575542	44.676 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	515853	39.360 ng	99
83) Chrysene	21.13	228	1500365	44.905 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1084807	44.330 ng	99
85) Di-n-octyl phthalate	21.89	149	1831177	42.663 ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	2233433	47.835 ng	99
88) Benzo(b)fluoranthene	22.63	252	1731865	43.021 ng	99
89) Benzo(k)fluoranthene	22.67	252	1703647	44.541 ng	97
90) Benzo(a)pyrene	23.19	252	1663192	44.087 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	1832433	48.926 ng	98
92) Benzo(g,h,i)perylene	26.17	276	1884843	48.591 ng	98

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

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