Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026359.D
Acq On : 11 Jun 2020 16:59
Operator : JU/CG
Sample : L2972-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : STOCK-PILE-1MS

Quant Time: Jun 11 17:34:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:46:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	133972	20.00	ng	0.00
21) Naphthalene-d8	10.18	136	526271	20.00	ng	0.00
39) Acenaphthene-d10	14.07	164	302082	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	641722	20.00	ng	0.00
76) Chrysene-d12	21.04	240	699117	20.00	ng	0.00
86) Perylene-d12	23.14	264	780770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	447535	59.06	ng	0.00
7) Phenol-d6	6.63	99	626233	57.07	ng	0.00
23) Nitrobenzene-d5	8.57	82	416733	38.88	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	233619	63.84	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	854059	42.92	ng	0.00
79) Terphenyl-d14	19.49	244	1384271	38.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	120844	35.373	ng	96
3) Pyridine	3.42	79	332959	33.182	ng	95
4) n-Nitrosodimethylamine	3.33	42	174745	35.173	ng	91
6) Aniline	6.76	93	388919	27.023	ng	100
8) 2-Chlorophenol	7.00	128	351215	40.184	ng	96
9) Benzaldehyde	6.58	77	234225	33.477	ng	97
10) Phenol	6.66	94	456942	39.104	ng	94
11) bis(2-Chloroethyl)ether	6.87	93	340550	36.182	ng	97
12) 1,3-Dichlorobenzene	7.31	146	381450	39.420	ng	97
13) 1,4-Dichlorobenzene	7.46	146	389629	39.530	ng	100
14) 1,2-Dichlorobenzene	7.77	146	370244	38.454	ng	98
15) Benzyl Alcohol	7.67	79	324280	34.803	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.96	45	576221	32.781	ng	98
17) 2-Methylphenol	7.88	107	297553	34.840	ng	98
18) Hexachloroethane	8.48	117	125720	33.680	ng	95
19) n-Nitroso-di-n-propylamine	8.23	70	287507	33.625	ng	96
20) 3+4-Methylphenols	8.21	107	395197	33.950	ng	99
22) Acetophenone	8.24	105	508469	37.574	ng	99
24) Nitrobenzene	8.61	77	420940	37.516	ng	97
25) Isophorone	9.14	82	730310	36.268	ng	97
26) 2-Nitrophenol	9.31	139	173040	38.968	ng	96
27) 2,4-Dimethylphenol	9.39	122	296512	42.298	ng	100
28) bis(2-Chloroethoxy)methane	9.62	93	438949	38.422	ng	100
29) 2,4-Dichlorophenol	9.85	162	312927	40.685	ng	98
30) 1,2,4-Trichlorobenzene	10.05	180	340678	40.393	ng	98
31) Naphthalene	10.23	128	1045035	39.405	ng	99
32) Benzoic acid	9.57	122	228506	41.339	ng	99
33) 4-Chloroaniline	10.36	127	277667	24.005	ng	98
34) Hexachlorobutadiene	10.52	225	214697	40.322	ng	94
35) Caprolactam	11.15	113	100558	37.213	ng	97
36) 4-Chloro-3-methylphenol	11.50	107	355427	37.923	ng	99
37) 2-Methylnaphthalene	11.86	142	733823	38.830	ng	99
38) 1-Methylnaphthalene	12.08	142	691304	38.615	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	372313	43.297	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.22	237	42592	8.405	ng	99
43) 2,4,6-Trichlorophenol	12.49	196	248174	42.639	ng	98
44) 2,4,5-Trichlorophenol	12.57	196	265061	39.234	ng	97
46) 1,1'-Biphenyl	12.90	154	887128	41.888	ng	100
47) 2-Chloronaphthalene	12.93	162	702326	40.827	ng	98
48) 2-Nitroaniline	13.15	65	264027	38.727	ng	98
49) Acenaphthylene	13.79	152	1112911	40.449	ng	99
50) Dimethylphthalate	13.55	163	993226	44.952	ng	100
51) 2,6-Dinitrotoluene	13.67	165	184201	37.992	ng	97
52) Acenaphthene	14.14	154	659229	39.911	ng	99
53) 3-Nitroaniline	13.99	138	157758	29.220	ng	97
54) 2,4-Dinitrophenol	14.22	184	13747	4.665	ng	99
55) Dibenzofuran	14.48	168	1055572	39.663	ng	99
56) 4-Nitrophenol	14.33	139	342041	79.889	ng	98
57) 2,4-Dinitrotoluene	14.47	165	252954	37.523	ng	98
58) Fluorene	15.13	166	858983	39.737	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	243950	42.216	ng	98
60) Diethylphthalate	14.93	149	846485	37.613	ng	99
61) 4-Chlorophenyl-phenylether	15.14	204	431207	37.607	ng	96
62) 4-Nitroaniline	15.17	138	212863	36.970	ng	96
63) Azobenzene	15.43	77	932247	37.860	ng	98
65) 4,6-Dinitro-2-methylphenol	15.24	198	14334	3.673	ng	94
66) n-Nitrosodiphenylamine	15.36	169	736426	39.614	ng	99
67) 4-Bromophenyl-phenylether	16.03	248	271064	38.371	ng	97
68) Hexachlorobenzene	16.14	284	299137	40.581	ng	100
69) Atrazine	16.33	200	228280	41.103	ng	99
70) Pentachlorophenol	16.50	266	375788	84.654	ng	99
71) Phenanthrene	16.87	178	1335325	39.958	ng	99
72) Anthracene	16.96	178	1379618	41.365	ng	99
73) Carbazole	17.24	167	1246644	39.416	ng	99
74) Di-n-butylphthalate	17.83	149	1505500	40.362	ng	99
75) Fluoranthene	18.90	202	1637000	42.727	ng	100
77) Benzidine	19.10	184	1583755	109.061	ng	99
78) Pyrene	19.26	202	1651738	35.757	ng	99
80) Butylbenzylphthalate	20.20	149	707198	37.859	ng	96
81) Benzo(a)anthracene	21.03	228	1663432	39.639	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	628185	48.385	ng	100
83) Chrysene	21.08	228	1597851	39.956	ng	100
84) Bis(2-ethylhexyl)phthalate	20.99	149	1045908	39.268	ng	99
85) Di-n-octyl phthalate	21.84	149	1863842	45.362	ng	98
87) Indeno(1,2,3-cd)pyrene	25.21	276	2048423	45.354	ng	99
88) Benzo(b)fluoranthene	22.53	252	1804594	38.422	ng	100
89) Benzo(k)fluoranthene	22.57	252	1662902	36.443	ng	99
90) Benzo(a)pyrene	23.06	252	1621661	38.875	ng	99
91) Dibenzo(a,h)anthracene	25.21	278	1728489	45.842	ng	100
92) Benzo(g,h,i)perylene	25.83	276	1684802	46.956	ng	98

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

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