Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026360.D
Acq On : 11 Jun 2020 17:36
Operator : JU/CG
Sample : L2972-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : STOCK-PILE-1MSD

Quant Time: Jun 11 18:07:24 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	131940	20.00	ng	0.00
21) Naphthalene-d8	10.18	136	516667	20.00	ng	0.00
39) Acenaphthene-d10	14.07	164	300009	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	638849	20.00	ng	0.00
76) Chrysene-d12	21.04	240	683323	20.00	ng	0.00
86) Perylene-d12	23.14	264	757937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	401203	53.76	ng	0.00
7) Phenol-d6	6.63	99	554564	51.32	ng	0.00
23) Nitrobenzene-d5	8.57	82	366824	34.86	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	204908	56.38	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	749324	37.91	ng	0.00
79) Terphenyl-d14	19.49	244	1215040	34.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	120167	35.716	ng	97
3) Pyridine	3.42	79	338634	34.267	ng	97
4) n-Nitrosodimethylamine	3.33	42	174137	35.590	ng	91
6) Aniline	6.76	93	344056	24.274	ng	99
8) 2-Chlorophenol	7.00	128	347387	40.358	ng	96
9) Benzaldehyde	6.57	77	235756	34.215	ng	95
10) Phenol	6.66	94	453240	39.385	ng	96
11) bis(2-Chloroethyl)ether	6.87	93	335767	36.224	ng	96
12) 1,3-Dichlorobenzene	7.31	146	380643	39.942	ng	98
13) 1,4-Dichlorobenzene	7.46	146	382118	39.365	ng	99
14) 1,2-Dichlorobenzene	7.76	146	367427	38.750	ng	99
15) Benzyl Alcohol	7.67	79	320267	34.902	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.96	45	572149	33.051	ng	97
17) 2-Methylphenol	7.88	107	289932	34.470	ng	99
18) Hexachloroethane	8.47	117	128022	34.825	ng	98
19) n-Nitroso-di-n-propylamine	8.23	70	285019	33.847	ng	96
20) 3+4-Methylphenols	8.21	107	390858	34.095	ng	98
22) Acetophenone	8.24	105	504718	37.990	ng	99
24) Nitrobenzene	8.61	77	417217	37.875	ng	98
25) Isophorone	9.13	82	724771	36.662	ng	99
26) 2-Nitrophenol	9.31	139	174700	40.073	ng	98
27) 2,4-Dimethylphenol	9.39	122	292769	42.540	ng	98
28) bis(2-Chloroethoxy)methane	9.62	93	428231	38.181	ng	99
29) 2,4-Dichlorophenol	9.85	162	306969	40.652	ng	99
30) 1,2,4-Trichlorobenzene	10.05	180	338690	40.904	ng	98
31) Naphthalene	10.23	128	1035997	39.790	ng	99
32) Benzoic acid	9.57	122	223699	41.237	ng	95
33) 4-Chloroaniline	10.36	127	239325	21.075	ng	97
34) Hexachlorobutadiene	10.52	225	212036	40.563	ng	99
35) Caprolactam	11.15	113	99040	37.333	ng	97
36) 4-Chloro-3-methylphenol	11.50	107	347970	37.818	ng	98
37) 2-Methylnaphthalene	11.86	142	715858	38.583	ng	100
38) 1-Methylnaphthalene	12.08	142	684257	38.932	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	363936	42.615	ng	98

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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	62218	12.363 ng	99
43) 2,4,6-Trichlorophenol	12.49	196	245845	42.531 ng	98
44) 2,4,5-Trichlorophenol	12.57	196	263150	39.220 ng	99
46) 1,1'-Biphenyl	12.90	154	871222	41.421 ng	99
47) 2-Chloronaphthalene	12.93	162	692276	40.521 ng	99
48) 2-Nitroaniline	13.15	65	257689	38.058 ng	97
49) Acenaphthylene	13.79	152	1091880	39.959 ng	98
50) Dimethylphthalate	13.55	163	961087	43.798 ng	100
51) 2,6-Dinitrotoluene	13.67	165	182530	37.907 ng	93
52) Acenaphthene	14.14	154	648792	39.550 ng	99
53) 3-Nitroaniline	13.99	138	144685	26.984 ng	94
54) 2,4-Dinitrophenol	14.22	184	26676	9.115 ng	97
55) Dibenzofuran	14.48	168	1031948	39.043 ng	100
56) 4-Nitrophenol	14.33	139	335446	78.890 ng	98
57) 2,4-Dinitrotoluene	14.47	165	248140	37.063 ng	98
58) Fluorene	15.13	166	845087	39.364 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.72	232	239473	41.728 ng	97
60) Diethylphthalate	14.93	149	832128	37.230 ng	99
61) 4-Chlorophenyl-phenylether	15.14	204	423400	37.181 ng	96
62) 4-Nitroaniline	15.17	138	202466	35.407 ng	95
63) Azobenzene	15.43	77	904494	36.987 ng	97
65) 4,6-Dinitro-2-methylphenol	15.24	198	25866	6.658 ng	98
66) n-Nitrosodiphenylamine	15.36	169	722867	39.059 ng	99
67) 4-Bromophenyl-phenylether	16.03	248	262512	37.327 ng	98
68) Hexachlorobenzene	16.14	284	292599	39.872 ng	99
69) Atrazine	16.33	200	227340	41.118 ng	98
70) Pentachlorophenol	16.49	266	374891	84.832 ng	99
71) Phenanthrene	16.87	178	1307129	39.290 ng	100
72) Anthracene	16.96	178	1356327	40.850 ng	100
73) Carbazole	17.24	167	1222658	38.831 ng	100
74) Di-n-butylphthalate	17.83	149	1474404	39.707 ng	99
75) Fluoranthene	18.90	202	1611671	42.255 ng	99
77) Benzidine	19.10	184	1556427	109.656 ng	99
78) Pyrene	19.26	202	1628663	36.073 ng	100
80) Butylbenzylphthalate	20.20	149	689721	37.777 ng	97
81) Benzo(a)anthracene	21.03	228	1616576	39.413 ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	609155	48.003 ng	99
83) Chrysene	21.08	228	1570404	40.178 ng	100
84) Bis(2-ethylhexyl)phthalate	20.99	149	1025936	39.408 ng	100
85) Di-n-octyl phthalate	21.83	149	1797323	44.754 ng	98
87) Indeno(1,2,3-cd)pyrene	25.21	276	2011088	45.869 ng	99
88) Benzo(b)fluoranthene	22.53	252	1760241	38.607 ng	99
89) Benzo(k)fluoranthene	22.57	252	1604979	36.233 ng	99
90) Benzo(a)pyrene	23.06	252	1585755	39.159 ng	99
91) Dibenzo(a,h)anthracene	25.21	278	1684480	46.020 ng	99
92) Benzo(g,h,i)perylene	25.83	276	1651778	47.422 ng	100

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

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