Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
Data File : BM026355.D
Acq On : 11 Jun 2020 14:33
Operator : JU/CG
Sample : PB129479BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB129479BS

Quant Time: Jun 11 15:33:29 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	131430	20.00	ng	0.00
21) Naphthalene-d8	10.18	136	507087	20.00	ng	0.00
39) Acenaphthene-d10	14.07	164	294272	20.00	ng	0.00
64) Phenanthrene-d10	16.83	188	612719	20.00	ng	0.00
76) Chrysene-d12	21.04	240	658092	20.00	ng	0.00
86) Perylene-d12	23.14	264	751314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	990693	133.27	ng	0.00
7) Phenol-d6	6.63	99	1271157	118.09	ng	0.00
23) Nitrobenzene-d5	8.57	82	831670	80.53	ng	0.00
42) 2,4,6-Tribromophenol	15.58	330	455334	127.74	ng	0.00
45) 2-Fluorobiphenyl	12.69	172	1651638	85.20	ng	0.00
79) Terphenyl-d14	19.49	244	2552677	75.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	120178	35.858	ng	95
3) Pyridine	3.42	79	328059	33.326	ng	98
4) n-Nitrosodimethylamine	3.33	42	164552	33.762	ng	89
6) Aniline	6.76	93	473294	33.521	ng	99
8) 2-Chlorophenol	7.00	128	332833	38.818	ng	96
9) Benzaldehyde	6.57	77	227644	33.166	ng	98
10) Phenol	6.66	94	434143	37.871	ng	98
11) bis(2-Chloroethyl)ether	6.87	93	327518	35.471	ng	94
12) 1,3-Dichlorobenzene	7.31	146	369912	38.967	ng	97
13) 1,4-Dichlorobenzene	7.46	146	379359	39.233	ng	98
14) 1,2-Dichlorobenzene	7.77	146	361688	38.292	ng	99
15) Benzyl Alcohol	7.67	79	307689	33.661	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.96	45	536833	31.131	ng	97
17) 2-Methylphenol	7.88	107	277416	33.110	ng	99
18) Hexachloroethane	8.47	117	126362	34.506	ng	98
19) n-Nitroso-di-n-propylamine	8.23	70	270223	32.215	ng	97
20) 3+4-Methylphenols	8.21	107	374254	32.773	ng	98
22) Acetophenone	8.24	105	485654	37.246	ng	98
24) Nitrobenzene	8.61	77	401872	37.172	ng	96
25) Isophorone	9.14	82	689610	35.543	ng	99
26) 2-Nitrophenol	9.32	139	162068	37.878	ng	94
27) 2,4-Dimethylphenol	9.39	122	276257	40.899	ng	100
28) bis(2-Chloroethoxy)methane	9.62	93	414768	37.679	ng	99
29) 2,4-Dichlorophenol	9.85	162	295870	39.923	ng	99
30) 1,2,4-Trichlorobenzene	10.05	180	323971	39.865	ng	97
31) Naphthalene	10.23	128	990597	38.765	ng	99
32) Benzoic acid	9.56	122	216114	40.672	ng	97
33) 4-Chloroaniline	10.35	127	367006	32.929	ng	98
34) Hexachlorobutadiene	10.52	225	202037	39.380	ng	98
35) Caprolactam	11.15	113	94815	36.416	ng	98
36) 4-Chloro-3-methylphenol	11.50	107	334710	37.064	ng	100
37) 2-Methylnaphthalene	11.86	142	693215	38.068	ng	99
38) 1-Methylnaphthalene	12.08	142	653721	37.897	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.24	216	353865	42.244	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.22	237	58915	11.935 ng	99
43) 2,4,6-Trichlorophenol	12.49	196	236145	41.649 ng	98
44) 2,4,5-Trichlorophenol	12.57	196	253120	38.461 ng	99
46) 1,1'-Biphenyl	12.90	154	843040	40.863 ng	100
47) 2-Chloronaphthalene	12.93	162	662796	39.552 ng	98
48) 2-Nitroaniline	13.15	65	247644	37.288 ng	97
49) Acenaphthylene	13.79	152	1048405	39.116 ng	99
50) Dimethylphthalate	13.55	163	800902	37.210 ng	100
51) 2,6-Dinitrotoluene	13.67	165	174397	36.925 ng	91
52) Acenaphthene	14.14	154	626921	38.962 ng	99
53) 3-Nitroaniline	13.99	138	183531	34.896 ng	99
54) 2,4-Dinitrophenol	14.22	184	6030	2.101 ng	91
55) Dibenzofuran	14.48	168	996286	38.429 ng	98
56) 4-Nitrophenol	14.33	139	322281	77.271 ng	99
57) 2,4-Dinitrotoluene	14.47	165	238836	36.369 ng	96
58) Fluorene	15.13	166	810147	38.472 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	232657	41.330 ng	97
60) Diethylphthalate	14.93	149	807995	36.856 ng	99
61) 4-Chlorophenyl-phenylether	15.14	204	409713	36.681 ng	96
62) 4-Nitroaniline	15.17	138	202776	36.153 ng	98
63) Azobenzene	15.43	77	864133	36.026 ng	97
65) 4,6-Dinitro-2-methylphenol	15.24	198	7861	2.110 ng	98
66) n-Nitrosodiphenylamine	15.36	169	695980	39.210 ng	99
67) 4-Bromophenyl-phenylether	16.03	248	255611	37.896 ng	97
68) Hexachlorobenzene	16.14	284	282677	40.163 ng	100
69) Atrazine	16.33	200	217913	41.093 ng	99
70) Pentachlorophenol	16.50	266	358891	84.675 ng	99
71) Phenanthrene	16.87	178	1248325	39.123 ng	99
72) Anthracene	16.96	178	1306110	41.015 ng	99
73) Carbazole	17.24	167	1175095	38.912 ng	99
74) Di-n-butylphthalate	17.82	149	1422763	39.950 ng	99
75) Fluoranthene	18.90	202	1506608	41.185 ng	100
77) Benzidine	19.10	184	1591813	116.449 ng	99
78) Pyrene	19.26	202	1526614	35.109 ng	100
80) Butylbenzylphthalate	20.20	149	650644	37.003 ng	94
81) Benzo(a)anthracene	21.03	228	1563647	39.584 ng	98
82) 3,3'-Dichlorobenzidine	20.97	252	611106	50.004 ng	100
83) Chrysene	21.07	228	1505676	39.998 ng	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	982342	39.181 ng	99
85) Di-n-octyl phthalate	21.83	149	1771542	45.803 ng	98
87) Indeno(1,2,3-cd)pyrene	25.20	276	1947329	44.806 ng	99
88) Benzo(b)fluoranthene	22.53	252	1657099	36.665 ng	99
89) Benzo(k)fluoranthene	22.57	252	1635659	37.251 ng	99
90) Benzo(a)pyrene	23.05	252	1545149	38.493 ng	100
91) Dibenzo(a,h)anthracene	25.21	278	1644370	45.321 ng	99
92) Benzo(g,h,i)perylene	25.82	276	1597338	46.264 ng	100

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

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