Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012820\
Data File : BM024635.D
Acq On : 28 Jan 2020 11:07
Operator : CG/JU
Sample : PB126361BSD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126361BSD

Manual Integrations APPROVED
mohammad
1/30/2020 8:03:05 AM

Quant Time: Jan 28 15:16:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	326756	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1199881	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	807174	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1685557	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1218125	20.00	ng	0.00
87) Perylene-d12	23.16	264	1102307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2278784	132.63	ng	0.00
7) Phenol-d6	6.65	99	2793330	118.02	ng	0.00
23) Nitrobenzene-d5	8.59	82	1572657	64.28	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1604484	122.20	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	4396646	74.05	ng	0.00
79) Terphenyl-d14	19.50	244	6066079	92.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	284605	41.874	ng	93
3) Pyridine	3.46	79	617597	31.345	ng	94
4) n-Nitrosodimethylamine	3.37	42	285477	32.642	ng	85
6) Aniline	6.79	93	1007958	34.982	ng	96
8) 2-Chlorophenol	7.02	128	875554	44.764	ng	91
9) Benzaldehyde	6.59	77	387686	27.721	ng	91
10) Phenol	6.67	94	984744	41.738	ng	94
11) bis(2-Chloroethyl)ether	6.89	93	733327	38.825	ng	95
12) 1,3-Dichlorobenzene	7.33	146	987260	41.087	ng	97
13) 1,4-Dichlorobenzene	7.48	146	1012537	41.537	ng	96
14) 1,2-Dichlorobenzene	7.79	146	948857	40.325	ng	97
15) Benzyl Alcohol	7.69	79	714857	36.632	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.99	45	545163	31.528	ng	96
17) 2-Methylphenol	7.90	107	689632	41.478	ng	96
18) Hexachloroethane	8.50	117	352406	37.437	ng	96
19) n-Nitroso-di-n-propylamine	8.26	70	576260	32.427	ng	94
20) 3+4-Methylphenols	8.23	107	923203	40.112	ng	97
22) Acetophenone	8.26	105	1173027	37.914	ng	96
24) Nitrobenzene	8.63	77	884956	37.744	ng	92
25) Isophorone	9.16	82	1577386	37.943	ng	96
26) 2-Nitrophenol	9.33	139	499169	45.978	ng	90
27) 2,4-Dimethylphenol	9.41	122	780692	52.917	ng	94
28) bis(2-Chloroethoxy)methane	9.64	93	976109	38.436	ng	99
29) 2,4-Dichlorophenol	9.86	162	948796	47.601	ng	98
30) 1,2,4-Trichlorobenzene	10.07	180	1063818	44.254	ng	99
31) Naphthalene	10.25	128	2573269	42.461	ng	99
32) Benzoic acid	9.58	122	521296m	38.627	ng	
33) 4-Chloroaniline	10.36	127	462193	17.399	ng	96
34) Hexachlorobutadiene	10.55	225	705498	42.454	ng	99
35) Caprolactam	11.16	113	243731m	38.114	ng	
36) 4-Chloro-3-methylphenol	11.51	107	851194	40.161	ng	93
37) 2-Methylnaphthalene	11.87	142	1989128	42.532	ng	98
38) 1-Methylnaphthalene	12.10	142	1872907	42.100	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1224749	42.514	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1937394	119.982	ng		99
43) 2,4,6-Trichlorophenol	12.51	196	819888	44.724	ng		99
44) 2,4,5-Trichlorophenol	12.58	196	868815	46.406	ng		96
46) 1,1'-Biphenyl	12.92	154	2605448	42.653	ng		99
47) 2-Chloronaphthalene	12.95	162	2087198	42.324	ng		97
48) 2-Nitroaniline	13.16	65	471621	31.357	ng	#	81
49) Acenaphthylene	13.81	152	3206685	43.437	ng		100
50) Dimethylphthalate	13.57	163	2582677	39.569	ng		100
51) 2,6-Dinitrotoluene	13.67	165	577654	41.627	ng	#	83
52) Acenaphthene	14.16	154	1887775	41.209	ng		99
53) 3-Nitroaniline	14.00	138	360287	25.032	ng		94
54) 2,4-Dinitrophenol	14.21	184	667656	80.457	ng	#	88
55) Dibenzofuran	14.50	168	3135711	41.972	ng		96
56) 4-Nitrophenol	14.34	139	884551	78.622	ng	#	84
57) 2,4-Dinitrotoluene	14.47	165	779296	39.184	ng	#	86
58) Fluorene	15.15	166	2477034	39.453	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.73	232	797703	42.015	ng	#	95
60) Diethylphthalate	14.95	149	2459260	37.113	ng		99
61) 4-Chlorophenyl-phenylether	15.16	204	1422163	39.290	ng		98
62) 4-Nitroaniline	15.17	138	502223	31.612	ng		89
63) Azobenzene	15.45	77	1936334	34.258	ng		93
65) 4,6-Dinitro-2-methylphenol	15.24	198	462300	46.647	ng		86
66) n-Nitrosodiphenylamine	15.37	169	2187888	45.188	ng		99
67) 4-Bromophenyl-phenylether	16.05	248	936575	44.681	ng		94
68) Hexachlorobenzene	16.16	284	1073160	44.614	ng		95
69) Atrazine	16.34	200	830865	44.706	ng		98
70) Pentachlorophenol	16.50	266	1279663	87.338	ng		99
71) Phenanthrene	16.89	178	3793595	41.562	ng		99
72) Anthracene	16.97	178	3903279	43.704	ng		99
73) Carbazole	17.25	167	3208965	39.469	ng		99
74) Di-n-butylphthalate	17.84	149	3831816	36.866	ng		99
75) Fluoranthene	18.91	202	4263489	37.425	ng		99
77) Benzidine	19.10	184	2346488	82.715	ng		99
78) Pyrene	19.27	202	4258415	53.029	ng		99
80) Butylbenzylphthalate	20.21	149	1413760	41.956	ng		96
81) Benzo(a)anthracene	21.03	228	3583116	42.381	ng		100
82) 3,3'-Dichlorobenzidine	20.98	252	924467	30.397	ng		99
83) Chrysene	21.09	228	3355493	41.594	ng		100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1919308	38.603	ng	#	98
85) Di-n-octyl phthalate	21.86	149	2819485	34.324	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3292856	37.449	ng		99
88) Benzo(b)fluoranthene	22.54	252	3069010	42.927	ng		99
89) Benzo(k)fluoranthene	22.59	252	3000707	43.000	ng		100
90) Benzo(a)pyrene	23.07	252	2701290	41.558	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	2770725	44.911	ng		98
92) Benzo(g,h,i)perylene	25.86	276	2785769	49.729	ng		99

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

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