Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020604.D
Acq On : 29 May 2019 17:59
Operator : JU/SJ
Sample : PB120010BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120010BSD

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:27 AM

Quant Time: May 30 02:23:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	54532	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	189327	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	124837	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	297311	20.00	ng		0.00
76) Chrysene-d12	21.24	240	319480	20.00	ng		0.00
87) Perylene-d12	23.46	264	379749	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	371244	133.56	ng		0.00
7) Phenol-d6	6.80	99	477092	113.72	ng		0.00
23) Nitrobenzene-d5	8.80	82	374608	83.05	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	266764	106.66	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	845671	85.00	ng		0.00
79) Terphenyl-d14	19.67	244	1481249	83.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	60654	41.699	ng		94
3) Pyridine	3.53	79	133495	31.420	ng		97
4) n-Nitrosodimethylamine	3.46	42	38108	36.943	ng	#	81
6) Aniline	6.96	93	132702	21.866	ng		97
8) 2-Chlorophenol	7.19	128	124876	36.739	ng		99
9) Benzaldehyde	6.78	77	138326	51.644	ng		97
10) Phenol	6.83	94	161735	35.699	ng		97
11) bis(2-Chloroethyl)ether	7.06	93	103708	30.675	ng		100
12) 1,3-Dichlorobenzene	7.51	146	144590	33.217	ng		98
13) 1,4-Dichlorobenzene	7.66	146	143255	32.925	ng		98
14) 1,2-Dichlorobenzene	7.97	146	145082	33.260	ng		98
15) Benzyl Alcohol	7.88	79	113894m	29.337	ng		
16) 2,2'-oxybis(1-Chloropropan	8.14	45	70542	29.936	ng		95
17) 2-Methylphenol	8.07	107	95383	31.890	ng		96
18) Hexachloroethane	8.68	117	60146	34.125	ng		98
19) n-Nitroso-di-n-propylamine	8.43	70	109221	29.318	ng		98
20) 3+4-Methylphenols	8.40	107	123936	30.898	ng		98
22) Acetophenone	8.46	105	176862	33.924	ng		99
24) Nitrobenzene	8.84	77	160825	36.102	ng		96
25) Isophorone	9.36	82	290239	34.580	ng		100
26) 2-Nitrophenol	9.55	139	55009	33.466	ng		97
27) 2,4-Dimethylphenol	9.60	122	94619	38.643	ng		96
28) bis(2-Chloroethoxy)methane	9.84	93	137098	31.379	ng		99
29) 2,4-Dichlorophenol	10.07	162	117398	36.049	ng		98
30) 1,2,4-Trichlorobenzene	10.27	180	161738	36.323	ng		96
31) Naphthalene	10.46	128	347928	35.591	ng		99
32) Benzoic acid	9.72	122	10130m	14.955	ng		
33) 4-Chloroaniline	10.60	127	63866m	16.369	ng		
34) Hexachlorobutadiene	10.72	225	127124	38.399	ng		99
35) Caprolactam	11.40	113	27041m	25.229	ng		
36) 4-Chloro-3-methylphenol	11.72	107	109479	30.892	ng		97
37) 2-Methylnaphthalene	12.09	142	253351	33.924	ng		97
38) 1-Methylnaphthalene	12.30	142	243060	33.591	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	208456	39.723	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	133069	54.665	ng		95
43) 2,4,6-Trichlorophenol	12.71	196	116102	35.750	ng		100
44) 2,4,5-Trichlorophenol	12.79	196	105344	34.736	ng		96
46) 1,1'-Biphenyl	13.11	154	348512	36.248	ng		100
47) 2-Chloronaphthalene	13.16	162	284147	34.863	ng		98
48) 2-Nitroaniline	13.39	65	62704	27.202	ng		88
49) Acenaphthylene	14.01	152	431395	34.805	ng		100
50) Dimethylphthalate	13.75	163	362683	32.800	ng		99
51) 2,6-Dinitrotoluene	13.89	165	75140	32.604	ng		87
52) Acenaphthene	14.35	154	255797	34.247	ng		98
53) 3-Nitroaniline	14.23	138	29839	18.416	ng		94
54) 2,4-Dinitrophenol	14.45	184	38006	32.788	ng		95
55) Dibenzofuran	14.69	168	447273	34.605	ng		98
56) 4-Nitrophenol	14.55	139	67900	48.495	ng		98
57) 2,4-Dinitrotoluene	14.68	165	98689	29.654	ng	#	87
58) Fluorene	15.34	166	351695	32.756	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	123127	34.892	ng		98
60) Diethylphthalate	15.12	149	344274	31.601	ng		99
61) 4-Chlorophenyl-phenylether	15.34	204	231953	33.839	ng		99
62) 4-Nitroaniline	15.40	138	43728m	22.572	ng		
63) Azobenzene	15.63	77	356211	33.601	ng		97
65) 4,6-Dinitro-2-methylphenol	15.44	198	40920	25.194	ng		94
66) n-Nitrosodiphenylamine	15.56	169	295516	36.658	ng		99
67) 4-Bromophenyl-phenylether	16.23	248	143998	36.357	ng		97
68) Hexachlorobenzene	16.33	284	173503	36.130	ng		100
69) Atrazine	16.52	200	113965	34.360	ng		98
70) Pentachlorophenol	16.69	266	185300	74.704	ng		99
71) Phenanthrene	17.08	178	547979	33.927	ng		100
72) Anthracene	17.17	178	518718	33.117	ng		100
73) Carbazole	17.46	167	410751	30.557	ng		99
74) Di-n-butylphthalate	18.00	149	524335	31.709	ng		99
75) Fluoranthene	19.10	202	694576	30.925	ng		99
77) Benzidine	19.32	184	471393	80.288	ng		100
78) Pyrene	19.47	202	708604	35.329	ng		100
80) Butylbenzylphthalate	20.37	149	214725	30.469	ng		99
81) Benzo(a)anthracene	21.22	228	726747	32.867	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	211939	26.261	ng		100
83) Chrysene	21.27	228	748546	35.035	ng		100
84) Bis(2-ethylhexyl)phthalate	21.14	149	319175	31.075	ng		99
85) Di-n-octyl phthalate	22.02	149	571959	32.032	ng		100
86) Indeno(1,2,3-cd)pyrene	25.71	276	1069551	41.401	ng		99
88) Benzo(b)fluoranthene	22.79	252	846682	34.065	ng		99
89) Benzo(k)fluoranthene	22.83	252	848820	35.187	ng		99
90) Benzo(a)pyrene	23.37	252	839213	36.691	ng		99
91) Dibenzo(a,h)anthracene	25.72	278	913258	39.007	ng		98
92) Benzo(g,h,i)perylene	26.40	276	890452	41.029	ng		98

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

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