Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020742.D
Acq On : 05 Jun 2019 18:34
Operator : HP/JU
Sample : PB120342BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120342BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:55 AM

Quant Time: Jun 06 03:28:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	314809	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	1253813	20.00	ng		-0.02
39) Acenaphthene-d10	14.46	164	670608	20.00	ng		-0.02
64) Phenanthrene-d10	17.20	188	1267289	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	994666	20.00	ng		-0.02
87) Perylene-d12	23.67	264	1122876	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	2465162	137.75	ng		-0.01
7) Phenol-d6	6.99	99	3240574	122.97	ng		0.00
23) Nitrobenzene-d5	8.99	82	1958666	80.94	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	1102718	132.72	ng		-0.01
45) 2-Fluorobiphenyl	13.08	172	4442039	88.06	ng		-0.01
79) Terphenyl-d14	19.83	244	4796605	80.66	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	308594	42.116	ng		96
3) Pyridine	3.74	79	887269	38.060	ng		96
4) n-Nitrosodimethylamine	3.66	42	392028	39.010	ng		91
6) Aniline	7.16	93	1180590	30.963	ng		99
8) 2-Chlorophenol	7.39	128	1053096	47.301	ng		98
9) Benzaldehyde	6.97	77	292305	15.377	ng		97
10) Phenol	7.02	94	1285108	45.253	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	932205	41.190	ng		96
12) 1,3-Dichlorobenzene	7.71	146	1071520	41.877	ng		98
13) 1,4-Dichlorobenzene	7.86	146	1095957	42.132	ng		99
14) 1,2-Dichlorobenzene	8.17	146	1059696	41.861	ng		100
15) Benzyl Alcohol	8.06	79	928145	39.813	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1268808	36.313	ng		99
17) 2-Methylphenol	8.26	107	860193	43.076	ng		99
18) Hexachloroethane	8.89	117	397339	39.897	ng		96
19) n-Nitroso-di-n-propylamine	8.63	70	774368	36.557	ng		97
20) 3+4-Methylphenols	8.59	107	1129100	41.558	ng		98
22) Acetophenone	8.65	105	1445397	45.379	ng	#	97
24) Nitrobenzene	9.03	77	1124648	45.524	ng		96
25) Isophorone	9.55	82	2028625	42.143	ng		100
26) 2-Nitrophenol	9.73	139	502064	54.530	ng		97
27) 2,4-Dimethylphenol	9.79	122	918525	53.239	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	1247966	42.878	ng		99
29) 2,4-Dichlorophenol	10.26	162	956311	50.100	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	1040899	47.425	ng		99
31) Naphthalene	10.66	128	2989499	46.367	ng		100
32) Benzoic acid	9.93	122	502374m	46.448	ng		
33) 4-Chloroaniline	10.77	127	442658	14.752	ng		97
34) Hexachlorobutadiene	10.94	225	605218	45.957	ng		99
35) Caprolactam	11.57	113	261368m	39.415	ng		
36) 4-Chloro-3-methylphenol	11.89	107	947983	42.716	ng		98
37) 2-Methylnaphthalene	12.27	142	2168929	45.384	ng		99
38) 1-Methylnaphthalene	12.49	142	2071850	45.530	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1131833	51.502	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1457718	110.908	ng	100
43) 2,4,6-Trichlorophenol	12.88	196	713592	50.445	ng	100
44) 2,4,5-Trichlorophenol	12.95	196	757890	51.896	ng	96
46) 1,1'-Biphenyl	13.29	154	2709395	48.376	ng	98
47) 2-Chloronaphthalene	13.33	162	2099930	46.456	ng	98
48) 2-Nitroaniline	13.54	65	568313	40.057	ng	91
49) Acenaphthylene	14.18	152	3255146	46.153	ng	100
50) Dimethylphthalate	13.92	163	2456003	42.867	ng	100
51) 2,6-Dinitrotoluene	14.04	165	531974	45.728	ng	90
52) Acenaphthene	14.52	154	1903512	45.288	ng	99
53) 3-Nitroaniline	14.37	138	313459	24.140	ng	98
54) 2,4-Dinitrophenol	14.57	184	440692	87.324	ng	92
55) Dibenzofuran	14.86	168	2961600	45.368	ng	98
56) 4-Nitrophenol	14.67	139	802114	83.827	ng	91
57) 2,4-Dinitrotoluene	14.83	165	685873	44.032	ng	92
58) Fluorene	15.51	166	2322450	43.262	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	625291	49.136	ng	96
60) Diethylphthalate	15.29	149	2356889	39.887	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1235240	43.457	ng	94
62) 4-Nitroaniline	15.53	138	485504	35.255	ng	92
63) Azobenzene	15.80	77	2218845	39.168	ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	272872	47.448	ng	91
66) n-Nitrosodiphenylamine	15.72	169	1977175	48.736	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	717285	48.072	ng	94
68) Hexachlorobenzene	16.50	284	821347	47.140	ng	94
69) Atrazine	16.67	200	615722	50.853	ng	99
70) Pentachlorophenol	16.84	266	905006	108.879	ng	99
71) Phenanthrene	17.24	178	3298417	45.917	ng	99
72) Anthracene	17.33	178	3324679	46.242	ng	99
73) Carbazole	17.61	167	2824626	43.293	ng	99
74) Di-n-butylphthalate	18.17	149	3441005	40.628	ng	99
75) Fluoranthene	19.26	202	3369635	42.181	ng	100
77) Benzidine	19.45	184	1341715	44.517	ng	99
78) Pyrene	19.62	202	3402755	44.580	ng	100
80) Butylbenzylphthalate	20.52	149	1288957	39.959	ng	98
81) Benzo(a)anthracene	21.37	228	3044762	43.957	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	899967	35.481	ng	99
83) Chrysene	21.42	228	2996027	45.503	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1782447	38.020	ng	99
85) Di-n-octyl phthalate	22.19	149	2873817	38.611	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4169688	61.901	ng	98
88) Benzo(b)fluoranthene	22.98	252	3319794	44.732	ng	99
89) Benzo(k)fluoranthene	23.03	252	3156541	43.522	ng	99
90) Benzo(a)pyrene	23.57	252	3225774	47.919	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3515768	53.833	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3392793	55.929	ng	98

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

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