Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
Data File : BM020712.D
Acq On : 04 Jun 2019 20:38
Operator : HP/JU
Sample : PB119943BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB119943BSD

Manual Integrations APPROVED
mohammad
6/5/2019 3:41:38 PM

Quant Time: Jun 05 03:56:13 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	7.83	152	369260	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1441423	20.00	ng		-0.01
39) Acenaphthene-d10	14.46	164	739648	20.00	ng		-0.01
64) Phenanthrene-d10	17.20	188	1366882	20.00	ng		-0.01
76) Chrysene-d12	21.38	240	1007852	20.00	ng		-0.02
87) Perylene-d12	23.67	264	1109409	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2913673	138.80	ng		0.00
7) Phenol-d6	6.99	99	3789928	122.61	ng		0.00
23) Nitrobenzene-d5	8.99	82	2309954	83.03	ng		-0.01
42) 2,4,6-Tribromophenol	15.95	330	1225037	133.68	ng		-0.01
45) 2-Fluorobiphenyl	13.09	172	5022021	90.27	ng		0.00
79) Terphenyl-d14	19.83	244	5184706	86.05	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	348236	40.518	ng		98
3) Pyridine	3.75	79	985460	36.039	ng		97
4) n-Nitrosodimethylamine	3.66	42	456699	38.744	ng		95
6) Aniline	7.16	93	1330771	29.755	ng		99
8) 2-Chlorophenol	7.39	128	1137038	43.540	ng		98
9) Benzaldehyde	6.97	77	346241	15.573	ng		97
10) Phenol	7.02	94	1379483	41.413	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	1028823	38.756	ng		98
12) 1,3-Dichlorobenzene	7.71	146	1180819	39.343	ng		99
13) 1,4-Dichlorobenzene	7.86	146	1213057	39.757	ng		98
14) 1,2-Dichlorobenzene	8.17	146	1151189	38.770	ng		100
15) Benzyl Alcohol	8.07	79	1015975	37.154	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1436234	35.043	ng		100
17) 2-Methylphenol	8.26	107	927625	39.603	ng		97
18) Hexachloroethane	8.90	117	442950	37.918	ng		94
19) n-Nitroso-di-n-propylamine	8.63	70	850563	34.233	ng		96
20) 3+4-Methylphenols	8.59	107	1211537	38.017	ng		100
22) Acetophenone	8.65	105	1574011	42.985	ng	#	96
24) Nitrobenzene	9.03	77	1239055	43.627	ng		99
25) Isophorone	9.55	82	2197009	39.700	ng		100
26) 2-Nitrophenol	9.73	139	542193	51.223	ng		98
27) 2,4-Dimethylphenol	9.79	122	985679	49.696	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	1365088	40.797	ng		100
29) 2,4-Dichlorophenol	10.26	162	1014936	46.251	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	1117478	44.287	ng		99
31) Naphthalene	10.67	128	3249587	43.841	ng		100
32) Benzoic acid	9.93	122	545402m	44.149	ng		
33) 4-Chloroaniline	10.78	127	435298	12.619	ng		97
34) Hexachlorobutadiene	10.94	225	658406	43.488	ng		99
35) Caprolactam	11.57	113	270835m	35.527	ng		
36) 4-Chloro-3-methylphenol	11.90	107	1014994	39.782	ng		100
37) 2-Methylnaphthalene	12.28	142	2332137	42.448	ng		99
38) 1-Methylnaphthalene	12.50	142	2206100	42.170	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1199249	49.476	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1567702	108.142	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	748245	47.958	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	778402	48.325	ng	96
46) 1,1'-Biphenyl	13.29	154	2860422	46.305	ng	99
47) 2-Chloronaphthalene	13.33	162	2208837	44.304	ng	99
48) 2-Nitroaniline	13.54	65	605757	38.711	ng	91
49) Acenaphthylene	14.19	152	3406437	43.790	ng	99
50) Dimethylphthalate	13.93	163	2550935	40.368	ng	100
51) 2,6-Dinitrotoluene	14.04	165	552698	43.075	ng	88
52) Acenaphthene	14.53	154	1986116	42.843	ng	100
53) 3-Nitroaniline	14.37	138	313730	21.906	ng	94
54) 2,4-Dinitrophenol	14.58	184	460356	83.089	ng	89
55) Dibenzofuran	14.86	168	3078681	42.759	ng	98
56) 4-Nitrophenol	14.67	139	833702	78.996	ng	94
57) 2,4-Dinitrotoluene	14.83	165	709853	41.318	ng	96
58) Fluorene	15.51	166	2430569	41.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	640818	45.656	ng	98
60) Diethylphthalate	15.29	149	2476170	37.994	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1289009	41.116	ng	97
62) 4-Nitroaniline	15.54	138	501744	33.033	ng	95
63) Azobenzene	15.80	77	2374807	38.008	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	272362	44.565	ng	96
66) n-Nitrosodiphenylamine	15.72	169	2066540	47.228	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	741376	46.066	ng	97
68) Hexachlorobenzene	16.50	284	837460	44.563	ng	98
69) Atrazine	16.67	200	636553	48.742	ng	100
70) Pentachlorophenol	16.85	266	922959	102.948	ng	98
71) Phenanthrene	17.25	178	3338978	43.095	ng	100
72) Anthracene	17.34	178	3412367	44.004	ng	99
73) Carbazole	17.61	167	2851878	40.526	ng	99
74) Di-n-butylphthalate	18.17	149	3661188	40.078	ng	100
75) Fluoranthene	19.26	202	3379521	39.222	ng	100
77) Benzidine	19.45	184	1397556	45.763	ng	99
78) Pyrene	19.62	202	3365668	43.517	ng	99
80) Butylbenzylphthalate	20.53	149	1361625	41.660	ng	94
81) Benzo(a)anthracene	21.36	228	2950355	42.037	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	873005	33.967	ng	98
83) Chrysene	21.42	228	2885652	43.253	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1956424	41.185	ng	100
85) Di-n-octyl phthalate	22.19	149	3132008	41.529	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	3797939	55.645	ng	99
88) Benzo(b)fluoranthene	22.98	252	3134684	42.750	ng	99
89) Benzo(k)fluoranthene	23.02	252	2937116	40.988	ng	100
90) Benzo(a)pyrene	23.57	252	3015218	45.335	ng	100
91) Dibenzo(a,h)anthracene	26.00	278	3209959	49.747	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3089989	51.556	ng	99

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

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