Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020259.D
Acq On : 11 May 2019 03:18
Operator : JU/SJ
Sample : K2801-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200035MS

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:30 AM

Quant Time: May 11 06:08:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	96771	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	375145	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	242300	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	601637	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	480792	20.00	ng		-0.01
87) Perylene-d12	23.64	264	478260	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	832565	140.63	ng		-0.01
7) Phenol-d6	6.95	99	1183351	146.31	ng		0.00
23) Nitrobenzene-d5	8.95	82	816581	85.94	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	577194	153.47	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1713337	87.00	ng		-0.02
79) Terphenyl-d14	19.80	244	2955845	107.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	76435	26.325	ng		94
3) Pyridine	3.69	79	210814	28.389	ng		95
4) n-Nitrosodimethylamine	3.61	42	74085	31.112	ng	#	61
6) Aniline	7.12	93	219275	21.538	ng		98
8) 2-Chlorophenol	7.34	128	252759	39.211	ng		99
9) Benzaldehyde	6.93	77	142761	23.322	ng		94
10) Phenol	6.97	94	354436	40.708	ng		90
11) bis(2-Chloroethyl)ether	7.21	93	245683	38.823	ng		98
12) 1,3-Dichlorobenzene	7.66	146	267235	35.631	ng		95
13) 1,4-Dichlorobenzene	7.81	146	273022	36.035	ng		96
14) 1,2-Dichlorobenzene	8.12	146	261770	36.265	ng		97
15) Benzyl Alcohol	8.02	79	281970	36.156	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	190669	36.336	ng		96
17) 2-Methylphenol	8.22	107	227981	40.676	ng		95
18) Hexachloroethane	8.84	117	99411	31.468	ng		97
19) n-Nitroso-di-n-propylamine	8.58	70	244713	35.365	ng		94
20) 3+4-Methylphenols	8.55	107	306090	41.091	ng		95
22) Acetophenone	8.60	105	396269	38.650	ng	#	95
24) Nitrobenzene	8.99	77	357820	36.319	ng		96
25) Isophorone	9.50	82	625602	38.178	ng		99
26) 2-Nitrophenol	9.69	139	136163	45.779	ng		93
27) 2,4-Dimethylphenol	9.75	122	228993	46.244	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	341908	38.311	ng		98
29) 2,4-Dichlorophenol	10.22	162	265581	42.533	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	299585	38.993	ng		98
31) Naphthalene	10.62	128	764180	39.254	ng		99
32) Benzoic acid	9.89	122	116127	35.031	ng		91
33) 4-Chloroaniline	10.74	127	129413	16.151	ng		96
34) Hexachlorobutadiene	10.88	225	190457	35.042	ng		96
35) Caprolactam	11.55	113	82656m	44.270	ng		
36) 4-Chloro-3-methylphenol	11.86	107	296856	40.456	ng		95
37) 2-Methylnaphthalene	12.23	142	582994	41.077	ng		97
38) 1-Methylnaphthalene	12.45	142	563513	40.604	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	362223	38.210	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	138425	24.800	ng		97
43) 2,4,6-Trichlorophenol	12.85	196	241095	44.750	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	260144	43.223	ng		96
46) 1,1'-Biphenyl	13.25	154	767731	38.495	ng		98
47) 2-Chloronaphthalene	13.29	162	626245	39.329	ng		99
48) 2-Nitroaniline	13.51	65	221777	39.121	ng		92
49) Acenaphthylene	14.15	152	975832	38.292	ng		98
50) Dimethylphthalate	13.89	163	1014637	49.270	ng		98
51) 2,6-Dinitrotoluene	14.01	165	173328	39.961	ng		89
52) Acenaphthene	14.49	154	576442	39.445	ng		98
53) 3-Nitroaniline	14.34	138	113269	28.137	ng		93
54) 2,4-Dinitrophenol	14.55	184	86702	44.152	ng		89
55) Dibenzofuran	14.82	168	971022	39.392	ng		96
56) 4-Nitrophenol	14.66	139	294760	85.817	ng	#	83
57) 2,4-Dinitrotoluene	14.80	165	248490	42.161	ng		94
58) Fluorene	15.47	166	799217	39.478	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	254375	44.475	ng		96
60) Diethylphthalate	15.24	149	781745	37.678	ng		100
61) 4-Chlorophenyl-phenylether	15.46	204	446105	38.891	ng		96
62) 4-Nitroaniline	15.52	138	164546m	37.037	ng		
63) Azobenzene	15.76	77	882815	36.068	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	63197	24.874	ng		98
66) n-Nitrosodiphenylamine	15.69	169	698630	39.463	ng		98
67) 4-Bromophenyl-phenylether	16.36	248	283046	38.365	ng		94
68) Hexachlorobenzene	16.46	284	322727	38.014	ng		97
69) Atrazine	16.64	200	258467	37.359	ng		99
70) Pentachlorophenol	16.82	266	430697	88.666	ng		98
71) Phenanthrene	17.22	178	1317713	39.677	ng		99
72) Anthracene	17.30	178	1345625	40.525	ng		100
73) Carbazole	17.58	167	1172729	39.142	ng		98
74) Di-n-butylphthalate	18.13	149	1422438	39.450	ng		98
75) Fluoranthene	19.23	202	1570629	37.378	ng		99
77) Benzidine	19.42	184	449854	29.266	ng		100
78) Pyrene	19.59	202	1552477	48.094	ng		100
80) Butylbenzylphthalate	20.49	149	632297	53.865	ng		99
81) Benzo(a)anthracene	21.34	228	1293159	38.352	ng		99
82) 3,3'-Dichlorobenzidine	21.27	252	462710	35.955	ng		99
83) Chrysene	21.39	228	1262050	38.594	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	900836	49.455	ng		99
85) Di-n-octyl phthalate	22.14	149	1370697	45.275	ng		97
86) Indeno(1,2,3-cd)pyrene	25.98	276	1337183	34.378	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1218388	38.579	ng		100
89) Benzo(k)fluoranthene	23.00	252	1172014	40.683	ng		99
90) Benzo(a)pyrene	23.54	252	1147718	40.009	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1149632	38.536	ng		100
92) Benzo(g,h,i)perylene	26.70	276	1101512	38.891	ng		100

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

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