Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020260.D
Acq On : 11 May 2019 03:54
Operator : JU/SJ
Sample : K2801-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200035MSD

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:33 AM

Quant Time: May 11 06:10:35 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	95292	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	369380	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	239239	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	598220	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	510204	20.00	ng		-0.01
87) Perylene-d12	23.64	264	482509	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	772922	132.58	ng		-0.01
7) Phenol-d6	6.95	99	1090890	136.97	ng		0.00
23) Nitrobenzene-d5	8.95	82	754128	80.60	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	545304	146.85	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1552420	79.84	ng		-0.02
79) Terphenyl-d14	19.80	244	2877176	98.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	82947	29.011	ng		94
3) Pyridine	3.69	79	230780	31.560	ng		95
4) n-Nitrosodimethylamine	3.61	42	83618	35.660	ng	#	64
6) Aniline	7.11	93	306977	30.620	ng		97
8) 2-Chlorophenol	7.34	128	273805	43.135	ng		96
9) Benzaldehyde	6.93	77	155772	25.842	ng		92
10) Phenol	6.97	94	382391	44.600	ng		92
11) bis(2-Chloroethyl)ether	7.21	93	266398	42.750	ng		97
12) 1,3-Dichlorobenzene	7.66	146	288436	39.055	ng		95
13) 1,4-Dichlorobenzene	7.81	146	294913	39.529	ng		97
14) 1,2-Dichlorobenzene	8.12	146	288109	40.533	ng		96
15) Benzyl Alcohol	8.02	79	305707	39.808	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	205614	39.792	ng		99
17) 2-Methylphenol	8.22	107	247177	44.785	ng		94
18) Hexachloroethane	8.84	117	106909	34.366	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	267050	39.193	ng		94
20) 3+4-Methylphenols	8.55	107	330272	45.025	ng		96
22) Acetophenone	8.60	105	428645	42.460	ng	#	95
24) Nitrobenzene	8.99	77	393102	40.523	ng		95
25) Isophorone	9.50	82	684603	42.431	ng		98
26) 2-Nitrophenol	9.69	139	151210	51.631	ng		90
27) 2,4-Dimethylphenol	9.75	122	249261	51.122	ng		96
28) bis(2-Chloroethoxy)methane	9.99	93	371335	42.258	ng		98
29) 2,4-Dichlorophenol	10.22	162	286275	46.563	ng		97
30) 1,2,4-Trichlorobenzene	10.43	180	322724	42.660	ng		99
31) Naphthalene	10.62	128	830034	43.302	ng		99
32) Benzoic acid	9.90	122	134394	40.015	ng		95
33) 4-Chloroaniline	10.74	127	185466	23.508	ng		97
34) Hexachlorobutadiene	10.88	225	202753	37.887	ng		94
35) Caprolactam	11.56	113	92355m	50.237	ng		
36) 4-Chloro-3-methylphenol	11.86	107	323045	44.712	ng		93
37) 2-Methylnaphthalene	12.23	142	635644	45.486	ng		96
38) 1-Methylnaphthalene	12.45	142	606343	44.372	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	396159	42.325	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	165162	29.969	ng		98
43) 2,4,6-Trichlorophenol	12.85	196	267101	50.212	ng		98
44) 2,4,5-Trichlorophenol	12.92	196	285586	48.057	ng		96
46) 1,1'-Biphenyl	13.25	154	838892	42.601	ng		99
47) 2-Chloronaphthalene	13.30	162	683216	43.455	ng		99
48) 2-Nitroaniline	13.51	65	242509	43.326	ng		94
49) Acenaphthylene	14.15	152	1070467	42.543	ng		99
50) Dimethylphthalate	13.89	163	1054133	51.842	ng		98
51) 2,6-Dinitrotoluene	14.01	165	190766	44.544	ng		92
52) Acenaphthene	14.49	154	625828	43.373	ng		99
53) 3-Nitroaniline	14.35	138	133157	33.500	ng		96
54) 2,4-Dinitrophenol	14.55	184	105233	52.333	ng		92
55) Dibenzofuran	14.82	168	1058379	43.486	ng		96
56) 4-Nitrophenol	14.66	139	327333	96.520	ng		88
57) 2,4-Dinitrotoluene	14.80	165	275676	47.372	ng		92
58) Fluorene	15.47	166	882273	44.139	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	279815	49.549	ng		96
60) Diethylphthalate	15.24	149	848616	41.425	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	484669	42.794	ng		96
62) 4-Nitroaniline	15.52	138	190290m	43.380	ng		
63) Azobenzene	15.76	77	968922	40.092	ng		98
65) 4,6-Dinitro-2-methylphenol	15.56	198	75596	28.470	ng		92
66) n-Nitrosodiphenylamine	15.69	169	769076	43.690	ng		98
67) 4-Bromophenyl-phenylether	16.36	248	308692	42.081	ng		94
68) Hexachlorobenzene	16.47	284	357919	42.400	ng		95
69) Atrazine	16.64	200	285949	41.567	ng		99
70) Pentachlorophenol	16.82	266	483190	100.041	ng		97
71) Phenanthrene	17.22	178	1454534	44.047	ng		99
72) Anthracene	17.30	178	1495745	45.303	ng		100
73) Carbazole	17.58	167	1304115	43.775	ng		99
74) Di-n-butylphthalate	18.13	149	1550767	43.255	ng		98
75) Fluoranthene	19.23	202	1792710	42.907	ng		100
77) Benzidine	19.43	184	683029	41.874	ng		99
78) Pyrene	19.59	202	1793687	52.363	ng		99
80) Butylbenzylphthalate	20.49	149	730024	58.605	ng		99
81) Benzo(a)anthracene	21.34	228	1513719	42.306	ng		100
82) 3,3'-Dichlorobenzidine	21.28	252	591252	43.295	ng		98
83) Chrysene	21.39	228	1470162	42.367	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1072345	55.477	ng		97
85) Di-n-octyl phthalate	22.14	149	1618269	50.371	ng		97
86) Indeno(1,2,3-cd)pyrene	25.98	276	1473823	35.707	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1363967	42.808	ng		100
89) Benzo(k)fluoranthene	23.00	252	1326391	45.636	ng		99
90) Benzo(a)pyrene	23.54	252	1283727	44.356	ng		98
91) Dibenzo(a,h)anthracene	25.99	278	1262131	41.934	ng		100
92) Benzo(g,h,i)perylene	26.69	276	1209216	42.317	ng		99

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

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